THE JOULE MAGAZINE

Lessons from the implementation of the Inclusive Markets for Energy Efficiency in Uganda (IMEU) project.

September 2025 | Issue 2

Funded by Sweden Sverige

Implemented by SNV

In partnership with Makerere University, psfu

Contents

Acronyms & Abbreviations

CEDAT	MAKERERE UNIVERSITY COLLEGE OF ENGINEERING DESIGN, ART, AND TECHNOLOGY
CO2	CARBON DIOXIDE
EEAN	ENERGY EFFICIENCY ACCELERATOR NETWORK
ESCOS	ENERGY SERVICE COMPANIES
ESPCS	ENERGY SERVICE PROVIDER COMPANIES
GESI	GENDER EQUALITY AND SOCIAL INCLUSION
IMEU	INCLUSIVE MARKETS FOR ENERGY EFFICIENCY IN UGANDA
MEMD	MINISTRY OF ENERGY AND MINERAL DEVELOPMENT
MDF	MARKET DEVELOPMENT FUND
PSFU	PRIVATE SECTOR FOUNDATION UGANDA
PSFU	PRIVATE SECTOR FOUNDATION UGANDA
PV	PHOTOVOLTAIC
RBF	RESULTS-BASED FINANCING
SDGs	SUSTAINABLE DEVELOPMENT GOALS
SMEs	SMALL AND MEDIUM ENTERPRISES
UGX	UGANDAN SHILLING (CURRENCY)

FOREWORD

Megan Ritchie

Country Director, SNV in Uganda

I am delighted to introduce this issue of the Joule Magazine, a digital publication dedicated to showcasing the journey and impact of the Inclusive Markets for Energy Efficiency in Uganda (IMEU) project. This four-year initiative, implemented by a consortium led by SNV, with support from Makerere University College of Engineering, Design, Art and Technology (CEDAT) and Private Sector Foundation Uganda (PSFU) as implementing partners, has been a testament to what can be achieved through a collaborative and market-driven approach to sustainable development.

Launched in 2021, the IMEU project addressed the critical challenge of energy inefficiency. By focusing on developing sustainable and inclusive markets for energy-efficient products and services in key agricultural value chains (tea, maize, sunflower, and soya bean) and the built environment, the project supported businesses and communities in their transition towards a cleaner energy future.

The Joule magazine highlights the project's achievements over its implementation period. Notably, over 45,000 households, 118 businesses and 137 social institutions have adopted energy-efficient technologies, leading to both cost savings and increased productivity. A core component of our work was the Market Development Fund, which helped address financing barriers for energy service companies (ESCOs), attracting private capital and kickstarting the growth of the sector.

This magazine also shares valuable lessons learned from our work. Recognising the importance of market-based solutions and continuous capacity building, we adapted our approach to ensure the sustainability of our interventions.

At SNV, our commitment to systems change is at the heart of our mission. The stories within this magazine powerfully illustrate how targeted interventions can create a ripple effect, fostering a more prosperous and sustainable future in Uganda.

This success is a collective achievement. I wish to express my appreciation for the tireless efforts of the project team, our esteemed partners, and the crucial support from our funder, the Embassy of Sweden. This publication was made possible with their generous support. As we reflect on these achievements, we remain focused on building on this foundation to ensure that energy efficiency remains a cornerstone of Uganda's development agenda.

MESSAGE FROM THE PROJECT MANAGER

I am pleased to present this digital magazine capturing our achievements in developing a more resilient and sustainable energy-efficient ecosystem in Uganda.

Peace Kansiime

SNV Energy Sector Leader in Uganda /Project Manager, Inclusive Markets for Energy Efficiency in Uganda (IMEU) project

The IMEU project, funded by the Embassy of Sweden, worked with the Ministry of Energy and Mineral Development and partners to catalyse energy efficiency markets in Uganda. While energy access increased to approximately 57%, challenges remain in ensuring energy security, affordability and sustainability in the country. The fragmented policy landscape, high upfront costs for new technologies, and a significant lack of access to affordable financing for both businesses and energy service companies hinder the growth of the nascent energy efficiency subsector.

In this context, the project used a sector development approach to catalyse a socially inclusive ecosystem for energy efficiency, combined with targeted and contextualised support at demand, supply, and enabling environment levels. Therefore, our project's core output areas include:

- Behavioural change communication for increased awareness and mindset change.
- Capacity strengthening of energy service companies and businesses.
- Applied research and knowledge management.
- Policy advocacy and institutional coordination through multi-stakeholder partnerships.

In this magazine, you will find the remarkable impact of the project, which grew and adapted to the evolving needs of businesses and communities. Our journey began in December 2021 with an ambitious goal to enhance livelihoods and increase the resilience and competitiveness of businesses and social institutions across 11 districts- 4 in Southwest Uganda, 3 in the central region, and 4 in Northern Uganda. By the end of the project, we surpassed our initial targets, with **45,162 households reached** and adopting energy-efficient technologies and practices. **137 social institutions engaged** using EE products and services. We also trained **570 women and youth as EE Ambassadors,** empowering them to champion energy efficiency in their communities. Furthermore, in partnership with Makerere University College of Engineering, Design, Art and Technology (CEDAT), **the project developed over 12 knowledge products.** Some of these products were disseminated via the Energy Efficiency Accelerator Network (EEAN), a key platform created with support from the Ministry of Energy and Mineral Development.

I would like to express my sincere gratitude to the Embassy of Sweden as well as our implementing partners, Makerere University (CEDAT) and the Private Sector Foundation Uganda (PSFU), for their dedicated efforts to advance energy efficiency in Uganda. As we reflect on the achievements and challenges presented in this digital publication, I hope it resonates deeply with development partners, government agencies, investors, businesses, and all stakeholders dedicated to driving Uganda's energy efficiency transition. Together, let's continue to build an inclusive, low-carbon and resilient future for Uganda.

BUILDING INCLUSIVE MARKETS FOR ENERGY EFFICIENCY

The Inclusive Markets for Energy Efficiency in Uganda (IMEU) is a four-year project funded by the Embassy of Sweden. The project is implemented by a consortium led by SNV, an international development organisation, with support from Makerere University College of Engineering, Design, Art and Technology (CEDAT) and Private Sector Foundation Uganda (PSFU) as implementing partners.

IMEU's overall objective is to develop sustainable, inclusive markets for appropriate energy efficient (EE) products and services for households, businesses, and institutions in agriculture and the built environment to enhance livelihoods and increase the resilience and competitiveness of businesses in Uganda. In 2022, IMEU launched a Market Development Fund (MDF) to build a sustainable energy efficiency market, enabling business growth and continuing to attract private capital for sustained programme impact. The Fund is administered through catalytic grants, results-based financing, and technical assistance. The thematic scope of the project focuses on the prioritised agricultural value chains of tea, maize, sunflower and soya bean and the built environment targeting industrial, public, and commercial buildings across 11 districts and three cities in the country. The geographical scope of the project covers the districts of Bushenyi, Buhweju, Kanungu, and Kabarole, Lira, Oyam, Kole & Dokolo, Wakiso, Kampala, Mukono.

Our Coverage

Aerial view of Hill City Secondary School in Lira city.

Annet Kekitambi weeds with a hoe in the fields of Kyamuhunga Tea Company.

WHY ENERGY EFFICIENCY?

Increased productivity

Job creation

Carbon emissions reduction

Climate change adaptation

Thermal comfort

Energy security

Energy savings

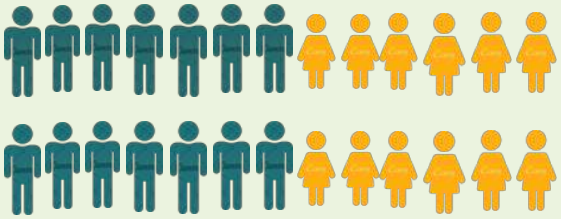
Environmental conservation (reduced biomass use)

Cost savings (reduced energy bill)

Competitiveness

A GLIMPSE AT OUR GOALS

150,000 people **directly**



450,000 people **indirectly**

30,000	328	52	13
Households using energy-efficient (EE) technologies and services.	**Businesses** using EE products and services.	**Social institutions** using EE products and services.	**Energy Service Provider Companies** (ESPCs) engaged.

2 **Energy Service Companies (ESCOs)** engaged.

CHANGING HOW WE THINK ABOUT ENERGY EFFICIENCY

SNV field visit to Grainpulse Limited in Mukono district to document the EE installations along the maize production line.

Did you know, 20% of the energy we consume can be saved through changing behaviour? Energy experts confirm that improving energy efficiency is not only about encouraging technological change, but also about stimulating behavioural change.

There are many behavioural choices that impact energy consumption. It can range from big decisions, such as the way a building is constructed or the kind of equipment and products purchased for it. However, it can also include simple, everyday actions, such as remembering to turn off the lights and appliances when you are not using them. Concerns about high costs, a lack of awareness about these behavioural choices, and a limited understanding of existing policies and regulations have historically hindered the long-term success of energy efficiency initiatives in Uganda.

20% of the energy we consume can be saved through changing behaviour

To overcome these challenges, IMEU integrated a Behavioural Change Communication (BCC) approach into project implementation. This approach was designed to drive a mindset shift, focusing on building trust and promoting the scaled adoption of EE technologies and practices across households, businesses, and social institutions. The tailored BCC campaigns were delivered through various channels, including traditional and new media platforms such as **radio, television, social media, and print materials.** IMEU also conducted learning visits and market activations to effectively reach last-mile users in their communities. By amplifying the benefits of EE solutions, the goal is to create a 'new normal' where energy-efficient use is the standard.

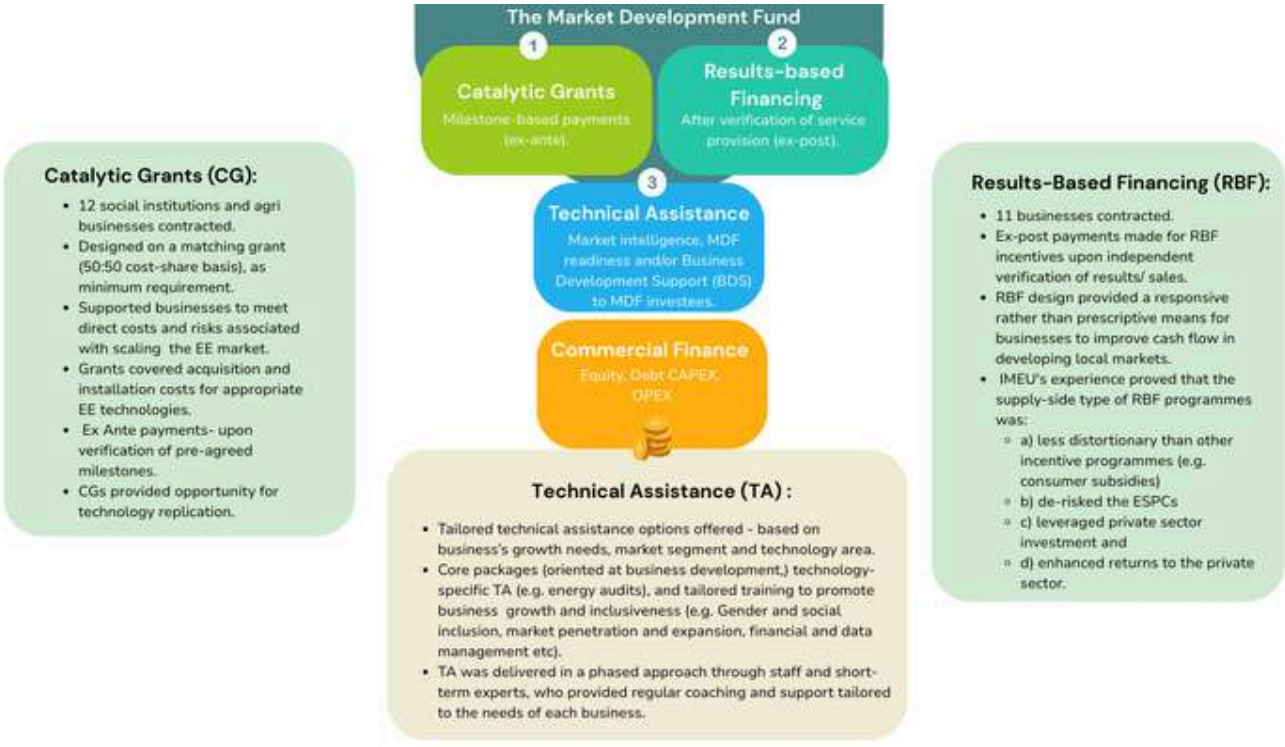
INNOVATIVE FINANCING MECHANISMS FOR EE MARKET DEVELOPMENT

For many businesses and institutions in Uganda, the upfront cost and perceived risk of investing in energy-efficient technologies can feel like an uphill battle. A fundamental market barrier exists in Uganda. Investors are often hesitant to back a nascent market, and consumers are wary of unproven technologies. So, how do we break this cycle and build a thriving energy efficiency market?

IMEU deployed the Market Development Fund (MDF) as a tool to de-risk energy efficiency investments in Uganda. The MDF aims to stimulate market growth and attract private capital for lasting impact by piloting innovative models for energy-efficient technologies and services.

It de-risks financing on the supply side for energy service provider companies and EE investments among agribusinesses and social institutions.

It bridges gaps by making temporary investments to increase access to energy-efficient services, especially in underserved communities, and collaborates with commercial finance providers to ensure long-term market funding. The fund's design incorporates lessons from similar initiatives globally and local stakeholder feedback.



OUR FUNDING PORTFOLIO

RESULTS-BASED FINANCING AND CATALYTIC GRANTS

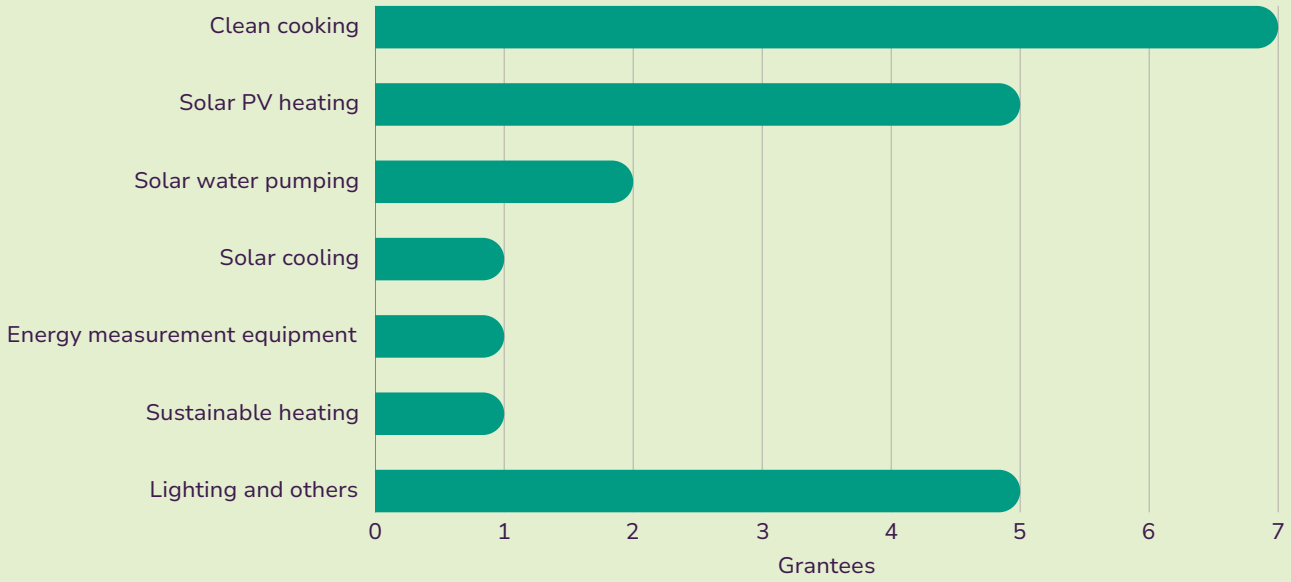
1. Gage Investments Limited
2. Uganda Stove Manufacturers Limited
3. Konserve Advisory Services
4. Eco stove
5. Energy Monitoring Limited
6. Akvo International SMC Limited
7. Solar Today
8. Up Energy Uganda Limited
9. Simoshi Limited
10. Bold Energy Limited
11. Arem Clean Energy Solutions

1. Sunrise Agro-Processing and Farming Limited (SAPFL)
2. Buddo Parents Academy
3. St. Lucia High School
4. Fins Medical University (FMU)
5. Fort Breeze Hotel
6. Ishaka Adventist Hospital
7. Sanyu Babies Home
8. Hill City Secondary School
9. Kyamuhunga Tea Company Ltd
10. Buhweju Tea Company
11. Awelo Millers and Parkers Ltd
12. GrainPulse Limited

Total investment:
EUR 1.4M

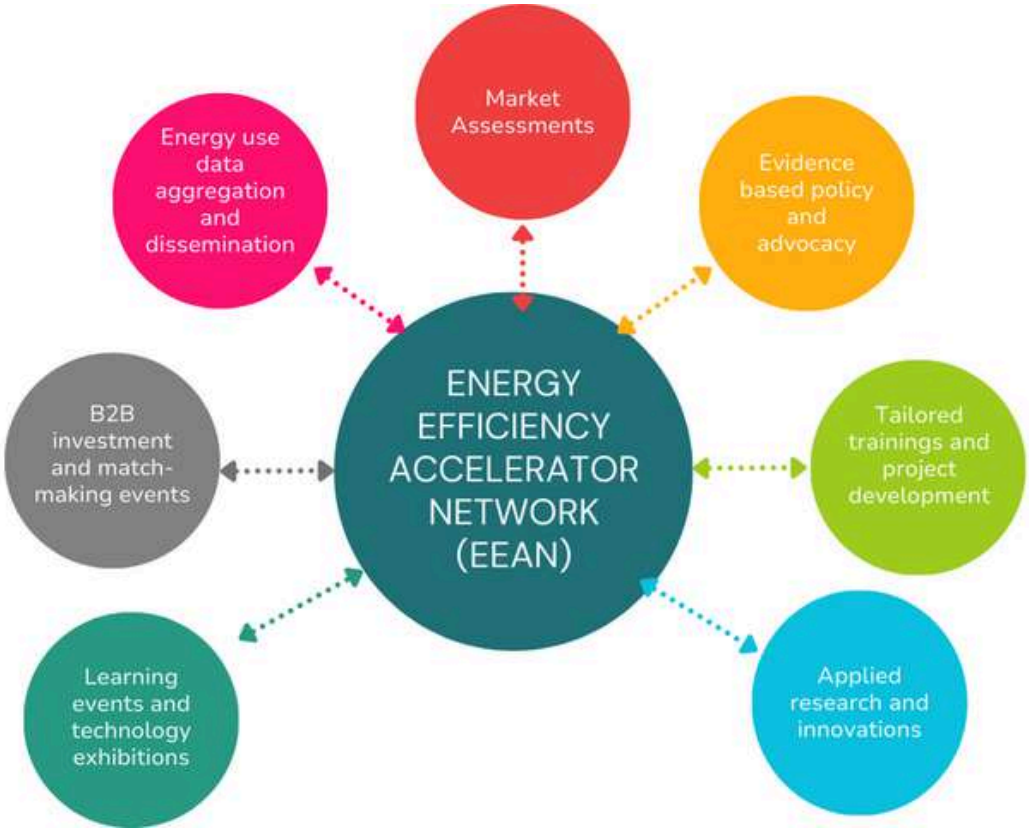
Current Leverage Ratio (IMEU vs Partner Investment)
Results Based Financing: 1:4
Catalytic Grants: 1:2.3

Prioritised Energy Efficiency Services



THE EEAN: COLLABORATE, CONVENE, AND ACT

The Energy Efficiency Accelerator Network (EEAN) is a dynamic, collaborative platform designed to act as the central nervous system for Uganda's energy efficiency ambitions. Born from the understanding that no single entity can transform the nation's energy landscape alone, the EEAN was launched with the support of IMEU to facilitate dialogue, foster learning, and drive collective action among a diverse group of stakeholders.



Its core strength lies in its ability to convene a wide range of actors: from government ministries and private sector businesses to civil society organisations, investors, and academics. This collaboration is a powerful demonstration of the network's mission to amplify efforts rather than duplicate them. By leveraging existing platforms, such as the National Renewable Energy Platform (NREP), the EEAN will ensure that the push for energy efficiency is integrated and far-reaching.

The ultimate objective is clear: to increase investment in and the adoption of energy-efficient technologies and practices across all critical sectors, including households, industry, agriculture, and transportation.

This collaborative approach has allowed the EEAN to prioritise and execute bold, practical actions. The network became instrumental in advocating for and shaping crucial policies, such as the Energy Policy for Uganda, 2023, and the Draft National Energy Efficiency and Conservation Bill, 2024.

THE EEAN: COLLABORATE, CONVENE, AND ACT

Launch of the Energy Efficiency Accelerator Network (EEAN) during the Energy Efficiency and Electric Mobility Conference 2023

www.eean.or.ug

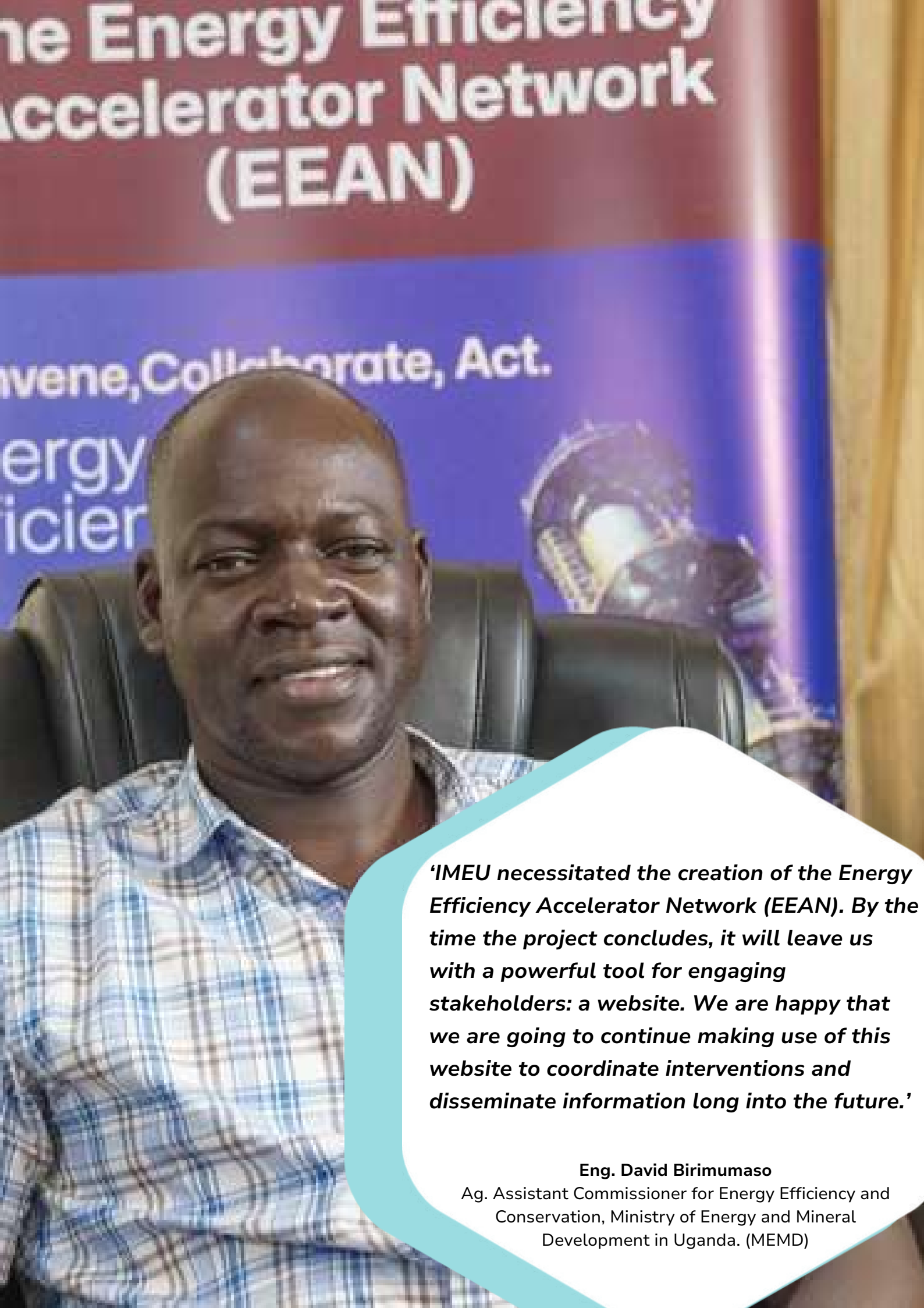
The EEAN also worked to strengthen consumer protection by ensuring products meet quality standards, while simultaneously mobilising innovative financing to make energy efficiency solutions more accessible.

Looking ahead, the network will continue to champion applied research, launch mass awareness campaigns, and actively work to ensure its initiatives are inclusive of both youth and women. The EEAN stands as a powerful example of a coordinated, multidimensional strategy, proving that when everyone comes to the table, Uganda can unlock business competitiveness, create jobs, and build a more sustainable energy future.

Visit Website

THEMATIC AREAS OF THE EEAN

- Policies and regulations
- Quality standards & consumer protection for EE products/services
- Applied research and Innovations
- Sustainable & innovative financing for EE
- Gender and Youth
- Capacity building in energy



'IMEU necessitated the creation of the Energy Efficiency Accelerator Network (EEAN). By the time the project concludes, it will leave us with a powerful tool for engaging stakeholders: a website. We are happy that we are going to continue making use of this website to coordinate interventions and disseminate information long into the future.'

Eng. David Birimumaso
Ag. Assistant Commissioner for Energy Efficiency and Conservation, Ministry of Energy and Mineral Development in Uganda. (MEMD)

Professor John Baptist Kirabira (right), Principal Investigator and Dr. Hillary Kasedde (left), Co-Principal Investigator, CEDAT

CEDAT team presenting their research findings at SNV Country Office, Kampala

Professor John Baptist Kirabira, Principal Investigator, CEDAT

ADVANCING APPLIED RESEARCH IN ENERGY EFFICIENCY

Research is a powerful engine for change, providing the data and insights necessary to drive market development and ensure solutions are both relevant and effective.

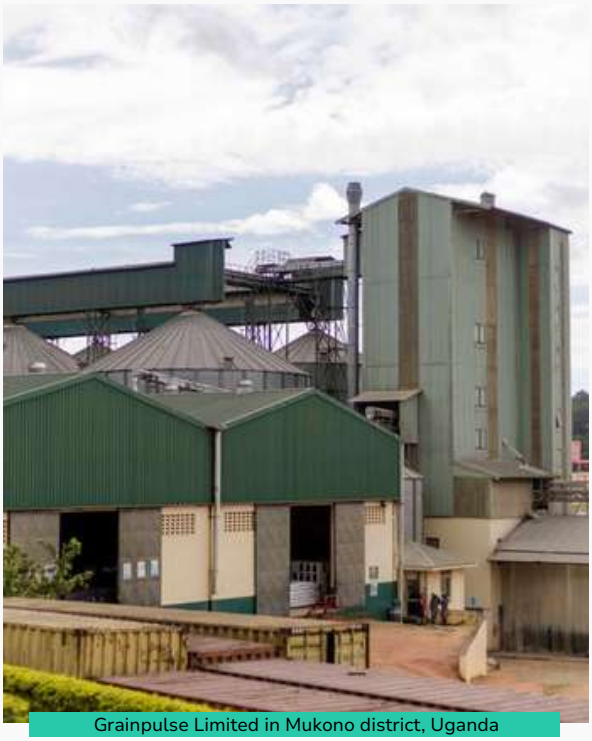
For Uganda to successfully transition to a more energy-efficient future, a deep understanding of its unique challenges-from local building materials to agricultural value chains-is essential. Recognising this, Makerere University College of Engineering, Design, Art, and Technology (CEDAT) took the lead and developed practical, industry-based tools and models. This partnership focused on integrating energy efficiency into two critical sectors, specifically agriculture and the built environment. This strategic alliance with academia was crucial, to creating homegrown solutions tailored to the country's needs rather than adopting generic, one-size-fits-all approaches.

The research was designed not just to produce papers but to generate tangible tools and insights that could be immediately applied by professionals and businesses.

As a result, CEDAT produced a range of tools and research papers. One key outcome was the development of a specialised energy efficiency assessment tool for Ugandan buildings, which directly addresses the current gap in building design and construction practices, where energy efficiency considerations are often neglected.

Additionally, CEDAT created a mobile app to connect farmers in specific value chains with Energy Service Companies (ESCOs), providing them with easy access to innovative energy-efficient technologies. Their extensive research also identified various cost-effective technologies suitable for both buildings and agro-processing companies.

RESEARCH-DRIVEN EE INNOVATIONS



Grainpulse Limited in Mukono district, Uganda

BEEAT: THE BACKBONE OF ENERGY-EFFICIENT BUILDINGS

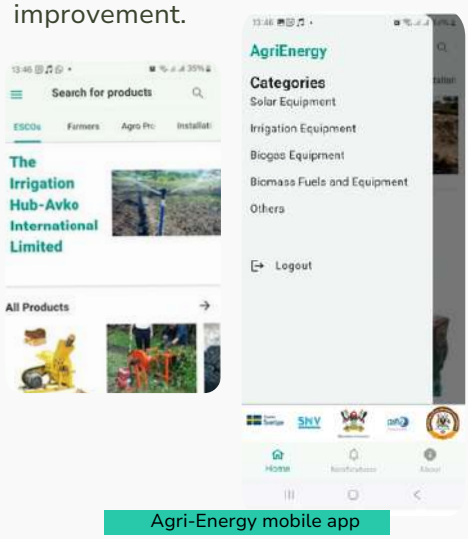
CEDAT developed the Building Emission Assessment Tool (BEEAT) to empower practitioners to measure and improve building performance, filling the void left by a lack of awareness and enforcement of existing building energy codes. While BEEAT draws on global best practices from tools like Leadership in Energy and Environmental Design (LEED) based in the USA and the Building Research Establishment Environmental Assessment Methodology (BREEAM) in the UK, it is adapted to Uganda's unique energy needs and construction realities. It provides a practical, homegrown method for assessing and improving the energy performance of buildings, paving the way for a smarter, greener built environment.

IMPACT

The impact of this research is already transforming the agriculture sector. Agro-processors like Sunrise Agro-processing and Farming Ltd (SAPFL) and Grain Pulse have implemented these recommendations with significant results. For example, SAPFL reduced electricity consumption from 14 kWh to 5 kWh per 100 kg of maize milled after replacing inefficient motors. Similarly, Grain Pulse achieved a remarkable 78% cost reduction in grain drying by retrofitting a heavy oil boiler to a biomass boiler that uses waste maize cobs. These success stories prove that market-ready technologies for cooling, drying, milling, heating, and lighting are not only technically feasible but also highly cost-effective for agro-processing companies.

POWER IN THE FARMERS' POCKETS: THE AGRI-ENERGY MARKETPLACE

IMEU's commitment to research extends beyond theoretical studies. The CEDAT team also developed the Agri-Energy mobile app which directly links farmers with Energy Service Companies (ESCOs), providing easy access to a marketplace of innovative EE technologies. This platform serves as a digital bridge, connecting farmers, agro-processors, and cooperatives with companies offering solar, biogas, and efficient biomass solutions. The research teams also facilitated field-based studies and laboratory experiments, with a keen focus on AC motors—a major energy consumer in agricultural processing. Through these investigations, key inefficiencies and under-capacity utilisation were identified, leading to specific recommendations for improvement.



Agri-Energy mobile app

Winfred Ssanyu Nakate, Maintenance Engineer at Grainpulse, stands with her team.

FOSTERING INCLUSIVITY

The landscape of gender and energy is entwined and has gained increased traction over the past decade. Effective integration of gender dimensions has been crucial for implementing the IMEU Project. PSFU has played a fundamental role in organising and mobilising the women and youth participants in Western, Central, and Northern Uganda project areas. The involvement and participation of women and youth in the EE training has resulted in skills transfer and adaptation in the target areas.

Even then, gender disparities in the energy sector were observed in the target regions of the IMEU project. Women and youth are less represented in policymaking, corporate leadership and governance, entrepreneurship, and the labour workforce, yet this population segment makes up the most prominent participants in the MSME activities in the local economies.

However, with IMEU's support, women and youth have increasingly been active in the energy space as entrepreneurs in micro, small and medium enterprises (MSMEs), contributing to economic growth and industrial development. Under the IMEU Project, PSFU has tapped into its vast network of women and youth groups like UWEAL, CWEEL, and USSIA. Subsequently, over 460 participants (of which 257 were women) have been supported in developing capacity through information dissemination training in implementation. Consultants have carried out these trainings, and experts in these fields have to give more inclusive training and emphasise the active roles that women and youth can play in activating positive change in the energy sector.

Through the engagements, PSFU has also developed an Energy Efficiency training toolkit distributed to over 500 women and Youth leaders (Through 83 EE Ambassadors) in the implementation areas. Using the developed EE Training tool kit, the participants were further trained to form cohort groups as Ambassadors to drive the Energy Efficiency agenda amongst the local communities. The EE ambassadors have used this Energy Efficiency training toolkit to guide the dissemination of the EE information amongst their communities and groups. This guide was drafted to support policymakers and development practitioners in local governments, the private sector, and civil society in promoting community EE practices.

LESSONS LEARNT

The landscape on gender, Inclusivity, and energy has blossomed over the past decade. Effective integration of gender dimensions is crucial for achieving all the Sustainable Development Goals (SDGs), particularly SDG 7, which ensures access to affordable, reliable, sustainable, and modern energy. During the implementation of the IMEU project, several crucial lessons have been observed in the communities and groups engaged.

I. Gender equality and social inclusion are key to transitioning to sustainable energy, energy-efficient practices, and universal energy access.

II. Lack of basic knowledge of the available EE Technologies and services, mainly among women

III. Increased engagement of women and Youth in EE training helps to narrow the information gap.

IV. Cultural, economic, and social norms have also been barriers to gender equality and social inclusion in sustainable energy and EE practices.

V. Women are ideally better placed to lead and support the delivery of energy-efficient solutions especially given their role as primary energy users in homesteads and small businesses and their social networks.

RECOMMENDATIONS

- Scale-up of women and youth engagements to narrow the information gap.
- Development of gender-sensitive policies and training opportunities for women and youth.
- Increase access to affordable financing EE technologies and services.

IMPACT STORIES

Making Every Watt Count for Sustainable Tea Processing in Uganda

The green tea fields of Western Uganda are a sight to behold. The morning air carries a refreshing scent of freshly plucked tea leaves, a signature aroma of a landscape rich in fertile soil. But beneath their beauty, a silent struggle brewed.

Rising energy costs, unstable power supply, and the effects of climate change long threatened the very lifeline of local tea factories. However, two key players, Kyamuhunga Tea Company and Buhweju Tea Factory , stand out for their proactive approach to innovation and sustainability. Located along the hilly landscape in the Ankole sub-region, these two facilities pursued energy-efficient solutions to enhance operations. With support from the Inclusive Markets for Energy Efficiency in Uganda (IMEU) project, the tea companies are also pioneering an innovative Energy Service Company (ESCO) model in the tea sector, ultimately benefiting over 4,000 farmers in the region through more stable and improved prices for their green leaf.

Founded in 2013, Kyamuhunga Tea Company Limited (KTCL) gained recognition for its high-quality CTC black tea. Yet, even with a dedication to quality and employing over 800 workers, the factory faced significant challenges.

Solar panel installation at Buhweju Tea Factory.

Steven Beyuuga, Tea picker at Buhweju Tea Factory.

Ugandan Tea Sector in Crisis

In 2022, the outbreak of the Russia-Ukraine war severely impacted tea factories in Uganda, leading to more than 50% cut in the green leaf price. The green leaf price reduced from UGX600 (€0.14) to UGX200 (€0.048) per kilogramme. This price reduction brought uncertainty to farmers, as their once-flourishing crop struggled to provide for their families.

The socio-political landscape made it challenging for local tea factories to remain profitable. In 2022, the electricity tariffs for commercial consumers also increased by approximately 9.8%, rising from UGX580.6 (€0.14) to UGX637.7 (€0.15). For Kyamuhunga Tea Factory, relying on the national grid system proved financially burdensome.

Denise Mpanga
Communications Officer, SNV/IMEU

A roof-mount solar panel installation at Kyamuhunga Tea Company

'Before our partnership with the SNV-IMEU project, we were paying UMEME [national grid] bills of over UGX110 million (€26,500) in the peak season,' explains Albert Bomukama, General Manager at Kyamuhunga Tea Company Limited. 'We were also using quite a lot of firewood, and it was also having a bit of an impact on the environment.' In the fertile tea-growing areas of Buhweju, a smallholder tea factory managed by its 7,000 farmers also faced similar issues. 'Our energy cost in terms of electricity was over UGX60 million (€14,500) per month, second to the cost of raw materials,' shares Robert Nayebare, General Manager at Buhweju Tea Factory.

Confronted with these challenges, both facilities invested in energy-efficient technologies to enhance their operations. In 2023, the tea factories partnered with IMEU and subsequently installed a range of EE equipment. Kyamuhunga installed a 600 kWp Captive Solar PV system with battery storage, a 400 kVAr power factor correction to optimise electrical consumption, insulation and lagging of steam and condensate distribution pipes to tackle heat loss and a Variable Frequency Drive (VFD) at the Boiler ID fan integrated for precise control and energy savings in drying processes.

Buhweju Tea Factory (BTF) is already reaping the benefits of the installed EE technologies. 'We are already saving up to 25% of our energy bill by running this solar plant,' beams Robert. He explains, 'We have installed here a 425-kW solar plant, which is synchronised with the national grid and the generator.' This system, installed by Spenomatic Solar with Grips Energy (German) acting as the Energy Service Company (ESCO) under an 'energy- as- a- service' model, means BTF will own the system in 20 years. While BTF doesn't have battery storage, its solar system efficiently feeds directly into their operations via an inverter.

An Energy Service Company (ESCO) model is a business that develops, implements, and finances energy-saving projects, including programmes promoting energy efficiency. ESCOs primarily serve as a financial tool that allows energy users to upgrade energy systems without requiring a down payment. It is comparable to leasing, where ESCOs purchase and install the EE system, and the client repays the cost through the energy savings achieved.

Additionally, the benefits extend beyond just energy savings to building a more inclusive and equitable workplace. Kyamuhunga Tea Company, for example, has seen significant strides in gender equality. 'Before our partnership with the SNV-IMEU project, women's participation at Kyamuhunga Tea Factory, especially in management, was very low. 'The project has truly changed our mindset. With IMEU's support, **we formed a Gender Equality Committee and now, every decision we make is viewed through a gender lens**,' Amelia Namanya, Assistant General Manager and Coordinator of KTC's Gender Equality Committee, explains. Kyamuhunga Tea Company aims to increase women's participation by 25% at both senior and middle management levels through mentoring, coaching, and appraisals.

Scovia Amutuhaire (right), Sarah Tuhumwire (left), Tea pickers at work in the fields of Kyamuhunga Tea Company.

'Furthermore, the IMEU project helped us develop a clear and detailed sexual harassment policy, ensuring our employees know their rights and how to act. Ultimately, these steps are directly improving productivity across the factory.' Amelia adds.

Today, both Kyamuhunga Tea Company and Buhweju Tea Factory shine as prime examples of sustainable growth, demonstrating how embracing energy efficiency is not just about cutting costs. It is about creating a future that integrates prosperity, environmental stewardship, and social empowerment. 'We are already seeing benefits,' Albert proudly states. 'I am happy to say that Kyamuhunga Tea Company is processing some of the best tea that is coming out of Uganda.'

Albert Bomukama, General Manager, Kyamuhunga Tea Company, showcases their tea products with Daphne Ayeikoh, National Programme Manager-Energy Innovation and ICT, Embassy of Sweden, Kampala, during a donor visit.

The achievements at Kyamuhunga and Buhweju offer a powerful blueprint for the broader Ugandan tea sector and other agricultural processing industries. By investing in energy-efficient technologies and embracing innovative financing mechanisms like the ESCO model, other factories can similarly stabilise costs, enhance profitability, reduce their environmental footprint, and ultimately improve livelihoods for thousands more farmers. The IMEU project's success demonstrates a scalable path towards a more sustainable and equitable industrial landscape in Uganda.

Scan this QR code to watch our video on IMEU's impact in Western Uganda, or click here to watch the video.

Scan me!

45,162

Households reached using energy-efficient (EE) technologies and services.

570 **Women and youth** trained on EE adoption.

137

Social institutions using EE products and services.

118

Businesses using EE products and services.

IMPACT IN NUMBERS

A volunteer shares a moment with a baby at Sanyu Babies' Home.

SHINING A LIGHT: Energy Efficiency Improves Care at Sanyu Babies' Home

Denise Mpanga
Communications Officer, SNV/IMEU

KAMPALA, UGANDA — Every year in Kampala, approximately 40 to 80 newborn babies are abandoned by their mothers, according to research. In a city where the rhythm of urban life often clashes with the rising costs of living, caring for vulnerable and abandoned children at non-profit organisation's proved financially burdensome.

For nearly a century, one such institution, Sanyu Babies' Home, has stood as a centre for hope, providing shelter for vulnerable children. Yet even this long-standing home struggled as the escalating cost of essential utilities jeopardised their ability to provide quality care to all the children in need.

Established in 1929 by missionary midwife Milnes Winifred Walker, Sanyu Babies' Home was founded in response to the growing number of abandoned infants. Today, the home continues its vital work, providing a nurturing environment for countless children. However, a persistent challenge for orphanages across Uganda is ensuring quality of care amidst limited resources. The Uganda Bureau of Statistics (UBOS) recently reported Kampala's annual inflation rate increased to 3.6% from 3.3%, with upward shifts noted in firewood prices in 2024. For Sanyu, relying on firewood and charcoal for cooking and the national grid meant that a significant portion of their resources was diverted from direct child welfare.

‘The biggest challenge was funding the needs of the home, like paying the electricity bills, paying the medical bills, paying for charcoal and firewood for cooking,’ explained Barbara Nankya Mutagubya, Executive Director of Sanyu Babies Home (SBH). The financial pressures threatened the very foundation of the institution's critical work.

Barbara Nankya Mutagubya, Executive Director of Sanyu Babies Home (SBH).

With the aim of reducing operating costs and improving the home’s sustainability, Sanyu Babies’ Home partnered with the Inclusive Markets for Energy Efficiency in Uganda (IMEU) project. This partnership led to the adoption of energy-efficient technologies and practices, including the installation of a solar-powered system that supplies alternative energy for all cooking, lighting, and heating needs.

Financial Relief for Core Care

The shift to solar energy brought Sanyu financial relief, directly impacting the home's ability to allocate resources where they are most needed: the children. For years, they faced a double burden from high utility bills, covering electricity and the constant purchase of firewood and charcoal.

However, after the installation of the EE system, the impact of this installation was noticed immediately. ‘Before the IMEU project came in, our UMEME [electricity] bill alone was between UGX1.3 million (€314) to UGX1.5 million (€362) every month,’ she revealed. ‘Now, we pay just UGX500,000 (€121) per month.’ The savings extend beyond electricity. The shift away from traditional wood fuel for kitchen operations also delivered a remarkable impact. ‘Previously, we also spent close to UGX600,000 (€145) per month on firewood and charcoal,’ she added, ‘and now it's only about UGX50,000 (€12.2) per month, just for those emergency moments when there is too much rain and the sun has not come out.’

Solar panel installation at Sanyu Babies’ Home, Kampala, Uganda.

This dramatic reduction in overhead expenditure means vital funds are now directly invested into nurturing the 50 babies under their care, ensuring their daily needs are met without the previous financial strain.

A Kitchen Transformed, Lives Enriched

The shift to the new EE systems extends beyond financial savings; the home mothers now enjoy a healthier, cleaner, and more efficient working environment. Christine Nalwanga, Home Mother at Sanyu Babies' Home, recalled the demanding kitchen routine before the solar system. 'With firewood and charcoal, we would start cooking by 6:00 AM, lighting our 'sigiris' [charcoal stove] to boil water for porridge, bathwater, and beans,' she said. 'Boiling beans alone would take 4 hours. The kitchen was always filled with smoke and nowhere near as clean as it is now.'

Nalwanga quickly pointed out how much things had changed for the better. 'But with the solar system and Electric Pressure Cookers (EPC), we are very happy. Cooking time has significantly reduced – we boil a pot of beans in just 38 minutes!

We don't shed tears from smoke anymore because we work in a clean, healthy environment. The work is much simpler, saving us valuable time to spend with the children,' she beamed.

Home Mothers at Sanyu Babies' Home feeding the babies during lunch time.

Barbara also highlighted the newfound reliability of the solar system. 'When the sun goes down, baby care doesn't stop. We need constant light for feeding, especially for sick babies,' she explained. 'The solar system ensures we have power for lights throughout the night and for critical medical equipment like respiratory, phototherapy, and baby warmer machines. When we did not have reliable power, we had to rush to the nearby Mengo Hospital, incurring huge medical bills.'

Sanyu Babies' Home kitchen transformed, replacing traditional cookstoves with electric, efficient models.

Aerial view of the solar installation at Sanyu Babies' Home.

Security has also seen a marked improvement. ‘We use solar power for our security lights outside and for our CCTV cameras,’ Mutagubya explained, noting that the system guarantees a reliable and cost-effective way to protect the premises day and night.

Beyond enhanced safety, the staff's well-being has also greatly benefited. ‘Previously, we were washing in the night past midnight because that's when electricity was cheapest. But now, whenever there is sun, we can wash,’ she said. This shift has replaced a burdensome task with modern efficiency, significantly improving the quality of life for the laundry team.

The transition also required essential training to overcome initial hesitation. ‘Many people are afraid of new technology like Electric Pressure Cookers,’ Mutagubya admitted. ‘But with training, all the fears were taken away. Right now, all the staff confidently use the EPCs without any fear. Every passing day, they are becoming more experienced. They call themselves experts.’

With the success of this first phase, Sanyu Babies' Home is already looking to the future, outlining plans for more solar panels, batteries for greater energy storage, and larger Electric Pressure Cookers to cook staff meals efficiently. ‘We want to see this home being self-sustainable; relying on donations all the time can be very, very challenging.’ Through this partnership with IMEU, Sanyu Babies' Home is not just providing a roof over heads, but building a foundation of sustainable care, ensuring that every child receives the love, attention, and secure environment they deserve, today and for generations to come.

Craft shop at Sanyu Babies' Home.

Abdul Hakim Bukenya, Energy Efficiency Ambassador

POWERING CHANGE: LOCAL AMBASSADORS DRIVING UGANDA'S ENERGY EFFICIENCY TRANSITION

A 2024 study in Sub-Saharan Africa (SSA) analysing the uptake of energy-efficient options in SSA households indicates that 15.4% of respondents consider energy efficiency when purchasing appliances. This low adoption is often due to limited awareness, high upfront costs, and restricted access to financing, leaving many households and businesses without clean, efficient alternatives. However, the Inclusive Markets for Energy Efficiency in Uganda (IMEU) project is stepping in to bridge this divide. Funded by the Embassy of Sweden and implemented by a consortium led by SNV, with support from Makerere University CEDAT and Private Sector Foundation Uganda (PSFU), IMEU is dedicated to developing sustainable and inclusive markets for energy-efficient products and services across Uganda.

At the heart of IMEU's strategy is its unique Energy Efficiency Community Engagement Model. This innovative approach has empowered over 500 women and youth, transforming them into skilled community ambassadors. These individuals are not just spreading information; they are actively facilitating two-way conversations, sharing practical knowledge, and demonstrating the tangible benefits of energy-efficient technologies. From optimising power use to showcasing the advantages of Electric Pressure Cookers (EPCs) and solar irrigation systems, these ambassadors are building a vital 'knowledge grid' within their communities.

Take Abdul Hakim Bukenya, an IMEU Energy Efficiency Ambassador from Wakiso district. Empowered by specialised training from PSFU, Hakim quickly became a passionate advocate for energy efficiency and pursued further training in the Repair and Maintenance of E-Cooking Appliances. 'After the training, I have learned a lot compared to what I knew before,' Hakim stated confidently. 'But people had many questions, and we faced many challenges. For example, someone would ask, 'What do I do when it malfunctions or stops working?' This recurring concern regarding the maintenance of technologies like Electric Pressure Cookers (EPCs) and the lack of local repair expertise became a significant hurdle to broader adoption and sustained trust. Undeterred, Hakim proactively upskilled himself. 'I can now confidently assure my community that I can troubleshoot all issues. If your appliance, such as a pressure cooker, has issues, we can restore it to normal working condition. I am now a senior, a fully certified engineer.'

READ MORE Click here to read the full story.

VOICES FROM THE FIELD

Harriet Nyakake, Deputy Prime Minister and Minister for Gender, Culture and Clan Mobilisation, Tooro Kingdom participating in EE cooking demonstration in Fort Portal.

The two-day regional learning events in Fort Portal City and Lira City brought together a diverse group of stakeholders, all focused on scaling energy-efficient solutions across schools and communities. Participants, from District Education Officers to school leaders and financial institution representatives, were given a platform to see, touch, and learn about the real-world impact of the IMEU project.

The events, which included field visits to schools already benefiting from clean cooking technologies, fostered a powerful sense of shared purpose. For many, this was the first time they had seen these technologies in action, moving from abstract concepts to tangible, visible solutions. The mini exhibition, which featured everything from clean cooking stoves to water pumping systems, gave attendees a direct connection to the technology and the companies providing it.

These events were not just about showcasing technology; they were about igniting a movement. The gathering of education leaders, financial partners, and innovators created a fertile ground for new partnerships and a clear pathway for scaling. The conversations, the questions, and the enthusiasm demonstrated a collective readiness to embrace a more energy-efficient future for Ugandan schools and beyond. The insights and energy from these events will undoubtedly fuel the next phase of energy efficiency adoption and help ensure the project's legacy continues to grow.

> **TODAY, I SAW A MAN MINGLING MILLET ON AN ENERGY-EFFICIENT COOKSTOVE—SOMETHING THAT ONCE INVOLVED SWEATING OVER A SOOTY FIRE. NOW, HE CAN COOK AT THE TABLE IN A CLEAN KITCHEN. I BELIEVE THIS ALSO ALLOWS CHILDREN TO LEARN TO COOK AT AN EARLY AGE WITHOUT BEING EXPOSED TO OPEN FLAMES. IT'S A SIMPLE CHANGE THAT TRANSFORMS THE ENTIRE HOME ENVIRONMENT.' – HARRIET NYAKAKE, DEPUTY PRIME MINISTER AND MINISTER FOR GENDER, CULTURE AND CLAN MOBILISATION, TOORO KINGDOM**

VOICES FROM THE FIELD

Zerubbabel Kusiimakwe, Technician

‘I enjoyed participating in the EE cooking demonstrations during the IMEU learning event. The key takeaway for me was energy conservation. The event showed me that you can use very little to achieve a lot—we are usually so wasteful with our energy, whether it's firewood, petrol, or diesel. We have abundant sun and rainwater, but we don't use them. Now, I understand that by being more energy-efficient, we can benefit from the resources around us and get the same value without maximising our energy consumption. Ultimately, energy efficiency puts money in your pocket by helping you save on unnecessary expenses.’ -**Zerubbabel Kusiimakwe, Technician**

Grace Auma, Staff and Students Welfare Officer, Loro Secondary School

‘Before this workshop, I had a limited understanding of energy efficiency. I thought it was just about energy-saving light bulbs and that these technologies were too expensive. But with this workshop, coordinated by the #IMEU project, I’ve learned about the clean cooking technologies available in the market and engaged with energy service companies such as Eco-Stove, ECOCA, and Gage Investments. I’m excited to share this knowledge with the school management committee and encourage their adoption.’ - **Grace Auma, Staff and Students Welfare Officer, Loro Secondary School, Oyam district.**

VOICES FROM THE FIELD

Participants engaged in EE cooking demonstration during the IMEU learning event in Fort Portal city.

‘We rely heavily on firewood to cook for approximately 1,000 students. This workshop opened my eyes to the potential of Eco-stoves: energy-efficient cooking stoves that use volcanic rocks to prepare meals effectively. This knowledge is powerful, and I think it’s important to put it into practice at our school.’ – **Olwa Ambert, Teacher, Agwet Primary School, Kole district.**

Olwa Ambert, Teacher, Agwet Primary School.

EE COOKING SOLUTIONS REPLICATED ACROSS SCHOOLS IN UGANDA

The IMEU project's success is already replicated across Uganda. Other educational institutions, such as Kasese Secondary School have adopted similar EE solutions after experiencing the evidenced benefits from IMEU's supported schools. Scan the QR code to see the full story here or click the button.

WATCH NOW

Scan me!

ENERGY EFFICIENCY TIPS

- **Know** your **energy bill.**
- **Regularly** record and analyse your energy performance based on the specific energy consumption.
- **Shift** core processes to off-peak and shoulder billing times to maximise on time of use tariff.
- **Switch off** lights and appliances when not in use.
- Leverage on **natural daylight** in processing areas.
- **Switch** to energy efficient technologies and equipment.
- **Shift** to solar PV for some of your energy needs.
- Develop and implement a **preventive maintenance plan.**
- Ensure the **right sizing and installation of plant equipment.**
- Develop an **energy policy.**
- Adopt **ISO 50001 EnMS-Energy Management System.**
- Conduct **continuous awareness** raising for all staff.
- Regularly **train your staff.**
- Appoint an **energy management team.**
- Keep the **insulation** of heating and cooling appliances.
- Install **energy meters** across processing sections.
- Conduct periodic **energy audits.**
- **Keep firewood dried to the right moisture content.**
- Switch to alternative **clean fuels** for heating.

Best Practices for Energy Efficiency - Business

ENERGY EFFICIENCY TIPS

- **Switch off** lights and appliances when not in use.
- Energy efficiency starts at **procurement.**
- **Switch to** energy efficient appliances for cooking, heating and refrigeration.
- **Shift** to solar PV and Solar heating for your energy needs.
- **Adjust** thermostats to optimum operating points.
- Ensure the **right sizing** for your air conditioning units.

HOME IN KAMPALA

ENERGY EFFICIENCY TIPS

- **Switch off** lights and appliances when not in use.
- **Switch** to energy efficient appliances for cooking, heating and refrigeration.
- Cool your building with **natural air.**
- **Adjust** thermostats to optimum operating points.
- **Shift** to solar PV and solar heating for your energy needs.
- Use **natural light during daytime** for your house lighting needs.

A LOOK BACK AND THE JOURNEY AHEAD

With 2030 firmly on the horizon, the energy efficiency sector stands out as a promising pathway to achieving Uganda's decarbonisation goals.

Uganda has made significant strides in its energy sector, achieving notable progress in electricity access and renewable energy integration. However, the path to a sustainable energy future remains a complex journey. The IMEU project has been a key driver in navigating this transition, but the project's efforts demonstrate that significant work remains.

IMEU was a strategic initiative designed to tackle Uganda's energy paradox: the high energy potential alongside persistent inefficiencies. By focusing on both the demand and supply sides of the energy market, the project created a ripple effect of positive change. In the industrial and commercial sectors, IMEU became a key partner for businesses seeking to reduce their energy costs.

Through technical audits, targeted training, and financial linkages, it empowered companies to upgrade to modern, energy-efficient technologies. This was more than just a technological shift; it was a business transformation that boosted competitiveness and productivity.

At the same time, IMEU addressed the heavy reliance on biomass for cooking, a critical challenge that has long driven deforestation and threatened public health in Uganda. By promoting the adoption of cleaner, more efficient cookstoves, the project catalysed investments in viable, market-based EE solutions that are improving the lives of families and communities. It is evident that these efforts have created a legacy that extends far beyond

A wide view of the tea landscape at Kyamuhunga Tea Company in Bushenyi district.

the project's lifespan. IMEU has contributed to building a more robust and responsive energy ecosystem in Uganda, demonstrating that energy efficiency is not a luxury but a fundamental necessity for sustainable development.

The project's impact is deeply integrated with national and international commitments to sustainable energy, as well as with SNV's own 2030 strategy. At the national level, the project directly contributed to the Fourth National Development Plan (NDPIV), helping to reduce the country's high energy intensity and secure a stable, affordable energy supply. Its work with industries and businesses not only led to cost savings but also played a crucial role in strengthening the foundation for sustainable industrial growth, contributing to the shared vision for a modern, industrialised economy. At the international level, the IMEU project is a testament to Uganda's commitment to specific Sustainable Development Goals (SDGs). IMEU's focus on energy efficiency is a direct contribution to SDG 7.3, which aims to double the global rate of improvement in energy efficiency. Its promotion of clean cooking solutions supports SDG 7.1, ensuring access to modern, affordable energy. Then, by mitigating the use of unsustainable energy sources, the project has also played a part in Uganda's broader climate action efforts under SDG 13.

Furthermore, guided by SNV's 2030 strategy to improve access to affordable and sustainable energy for all through systems change, the IMEU project serves as a powerful case study of how localised interventions can contribute to broader, transformative change.

The project's impact is clear. However, the journey to a low-carbon future is far from over. Barriers like high upfront costs, a fragmented policy landscape, and a lack of access to affordable financing continue to hinder progress. As we look toward 2030, the IMEU project provides a replicable and adaptive model for accelerating EE adoption in developing markets. This serves as a powerful reminder that although a lot has been done, there is still so much more to do, and it will require the collective effort of every stakeholder to make a sustainable and prosperous future a reality.

Traditional cookstove at Kasese Secondary School

Baturaime Protazio, tea picker at work in the fields of Buhweju Tea Factory.

Phiona Mugala (right) with fellow midwifery students at Fins Medical University in Fort Portal city.

MEET THE PARTNERS

IMEU

Sweden Sverige

SNV

Makerere University

psfu
Business growth is our business

PARTNER PROFILES

Gage Investments

Email: gageinvestmentsug@gmail.com | Tel: +256752657019 CONTACT US

Address:
Plot 902 Kabakanjagala Road,
Mengo-Rubaga, Uganda.

Type of investment:
Results-Based Financing (RBF)

Gage Investments Limited is a renewable energy solution and service provider on a mission to transform the renewable energy sector using innovation and expertise. Established in 2012, Gage Investments offers solar-powered, energy-efficient (EE) solutions for urban and peri-urban industries, farmers, homes, hotels, and hospitals.

Uganda Stove Manufacturers Ltd

Email: ugastove@gmail.com | Tel: +256702674267 CONTACT US

Address:
Kayembe Makindye Nkere Zone
Road, Kampala, Uganda.

Type of investment:
Results-Based Financing (RBF)

Uganda Stove Manufacturers Limited was founded in 2007 on a pilot programme conducted by the Urban Community Development Association of Uganda. Uganda Stove Manufacturers aims to improve the socio-economic condition of impoverished urban populations by engaging them in sustainable, innovative, environmentally friendly economic activities.

Konserve Advisory Services

Email: konserve@konserve.co.ug | Tel: +256772 967711 CONTACT US

Address:
223 Tufnell Dr, Kampala, Uganda.

Type of investment:
Results-Based Financing (RBF)

Konserve Advisory Services was founded in 2002 as a consulting and renewable energy company. Since its inception, Konserve has provided reliable options for improved access to modern energy to complement the supply in East Africa.

Eco Group Limited

Email: rozkags@gmail.com | Tel: +256776 920729 CONTACT US

Address:
Wakaliga Road, Kampala, Uganda.

Type of investment:
Results-Based Financing (RBF)

Eco Stoves energy-efficient stoves manufactured and distributed by local supplier Eco-Group Limited in partnership with Destiny Microfinance Limited. Eco Group is the parent company that offers unique cooking solutions for urban and peri-urban households, social institutions, and commercial establishments in the Northern and Western Regions of Uganda.

PARTNER PROFILES

Energy Monitoring Limited

Email: allanm@eml.co.ug | Tel: +256772335260

CONTACT US

Address:
Plot 37/39 Ntinda Road, Uganda.

Type of investment:
Results-Based Financing (RBF)

Energy Monitoring Limited is an industrial and energy service company that provides industrial tools, energy, and digital solutions. Founded in 2012, Energy Monitoring offers unique energy monitoring, measurement, and storage products, addressing a gap in the market and supporting energy-efficient practices for smaller businesses.

Akvo International SMC Limited

Email: raymond.kisuule@akvointernational.com | Tel: +256704541306

CONTACT US

Address:
Plot 960, Mutungo-Kireka Rd,
Kampala, Uganda.

Type of investment:
Results-Based Financing (RBF)

Akvo International SMC Limited is a water and energy solutions company based in Uganda, Kenya, and South Sudan. Founded in 2014, Akvo offers solar-powered solutions to rural and peri-urban businesses, homes, institutions, and industries.

Arem Clean Energy Solutions Ltd

Email: arnold.basiime@gmail.com| Tel: +256751750750

CONTACT US

Address:
Plot 14, Kampala Road, Insurance House (Eagen), Kampala, Uganda

Type of investment:
Results-Based Financing (RBF)

Arem Clean Energy Solutions Limited is an energy-efficient cookstove distributor providing high-quality, clean cooking solutions to impoverished households in Uganda. Established in 2017, Arem Clean Energy offers SAFI bio-ethanol clean energy stoves directly to households

Solar Today

Email: kenneth@solartoday.co.ug | Tel: +256701964443

CONTACT US

Address:
Ntare Road, Kipira Kiyanja, Mbarara, Uganda.

Type of investment:
Results-Based Financing (RBF)

Solar Today Uganda Limited is a private solar company that provides 12 months of solar credit to Ugandan rural households. Established in 2010, Solar Today aims to improve rural access to renewable energy sources through affordable credit schemes.

PARTNER PROFILES

Up Energy Limited

Email: ben@upenergygroup.com | Tel: +256777733716 CONTACT US

Address:
Plot 3848 Rwakiseta Road,
Muyenga, Uganda.

Type of investment:
Results-Based Financing (RBF)

Up Energy Uganda Limited is a social enterprise founded in 2011 dedicated to enhancing energy access in low-income households across Uganda. Specialising in delivering energy-efficient products, Up Energy strives to address the energy challenges marginalised communities face in Uganda.

Simoshi Limited

Email: virginia@simoshi.org | Tel: +256780269834 CONTACT

Address:
Plot 2652, Block 111 Birongo Road,
Mutungo, Uganda.

Type of investment:
Results-Based Financing (RBF)

Simoshi Limited is a social enterprise established in April 2015 to improve the livelihoods of children and their families in Uganda. Committed to sustainability and scalable growth through With carbon credit financing, Simoshi aims to change the traditional cooking habits used in schools by providing cleaner and more efficient cooking stoves.

Bold Energy Limited

Email: deniseaijuka@gmail.com | Tel: +256704392310 CONTACT US

Address:
Kayunga road, Kabembe, Uganda.

Type of investment:
Results-Based Financing (RBF)

All in Trade Limited is a private company founded in November 2008 that specialises in supplying, installing, and maintaining high-quality solar energy systems in urban areas for domestic and commercial purposes.

Sunrise Agro Processing & Farming Ltd

Email: ebongp@gmail.com | Tel: +256772 593 953 CONTACT US

Address:
Adekokwok Boroboro Road, Lira,
Uganda.

Type of investment:
Catalytic Grant

Sunrise Agro Processing and Farming Limited (SAPFL) is an agri-business established in July 2010 to increase sunflower production, develop the value chain, and generate income while improving farmers' livelihoods, food security, and nutrition.

PARTNER PROFILES

Grainpulse Limited

Email: atheron@grainpulse.co.ug | Tel: +256789316554

CONTACT US

Address:
Plot 6/8, Nyondo Close, Bugolobi, Uganda.

Type of investment:
Catalytic Grant

Grainpulse Limited is an integrated agribusiness company producing maize, coffee, and fertiliser. Grainpulse aims to formalise and commercialise sustainable local agriculture by providing superior agronomic solutions and value chain expansion.

Buddo Parent's Academy

Email: md.cbsfm@gmail.com | Tel: +256708730760

CONTACT US

Address:
P.O. Box 15121 Kampala, Uganda.

Type of investment:
Catalytic Grant

Buddo Parent's Academy is an educational institution offering quality primary education to students in the Wakiso district of Uganda. Buddo aims to adopt solar-powered induction stoves to reduce their dependence on firewood and charcoal, addressing health and environmental challenges associated with traditional cooking methods.

St. Lucia High School

Email: alindaluciat@gmail.com | Tel: +256784663773

CONTACT US

Address:
Kijura Road, Rwengaju Parish, Kabarole District, Uganda.

Type of investment:
Catalytic Grant

St. Lucia High School offers quality primary education to students in the Kabarole district, Uganda. Teaming up with IMEU, St. Lucia High School aims to reduce energy operation costs by implementing social institutional cookstoves using volcanic rocks and a solar water pumping system.

Fins Medical University

Email: ruhwezapato@gmail.com | Tel: +256787852135

CONTACT US

Address:
Plot 40, Riverside Road, Fort Portal, Uganda.

Type of investment:
Catalytic Grant

Fins Medical University (FMU) is a private research university in Fort Portal, Uganda. Founded in 2010, FMU aims to sustainably provide quality education to medical students. In partnership with IMEU, FMU will invest in a solar water heater solar and LED security lights to reduce operational costs resulting from high energy expenditure.

PARTNER PROFILES

Fort Breeze Hotel

Email: sales@fortbreezehotel.com | Tel: +256772614705 CONTACT US

Address:
Saka Rd, Fort Portal, Uganda.

Type of investment:
Catalytic Grant

Fort Breeze Hotel is a bed and breakfast hotel in Fort Portal town. The hotel was established in 2016 to offer ambient and convenient hospitality services in Uganda. Fort Breeze aims to reduce energy costs by installing an energy-efficient cookstove using volcanic rocks and a solar heating system.

Ishaka Adventist Hospital

Email: ishakahospital@gmail.com | Tel: +256701224944 CONTACT US

Address:
Mbarara-Kasese Highway, Ishaka-Bushenyi Township, Bushenyi, Uganda.

Type of investment:
Catalytic Grant

Ishaka Adventist Hospital is a Seventh-day Adventist hospital founded in 1948 and officially commissioned i 1950. Ishaka aims to reduce its energy bill by 40% and increase operational efficiencies by implementing targeted energy-efficient technologies.

Sanyu Babies' Home

Email: sanyubabhome1@gmail.com | Tel: +256788162147 CONTACT US

Address:
Plot 346, Albert Cook Rd, Kampala, Uganda.

Type of investment:
Catalytic Grant

Sanyu Babies' Home is a not-for-profit children's home care service provider that aims to reintegrate babies and children deprived of parental love into the community by reuniting them with their families and fostering or adopting them.

Kyamuhunga Tea Factory

Email: info@kyamuhungatea.co.ug | Tel: +256782593517 CONTACT US

Address:
Ishaka Fortportal Road, Plot 2 Bushenyi, Uganda

Type of investment:
Catalytic Grant

Kyamuhunga Tea Company Limited (KTC) is a tea processing company located in the lush, evergreen hills of greater Bushenyi in Southwestern Uganda. Established in 2011, KTC aims to be a farmer-focused organisation that supports farmers to produce high quality green leaf tea while enhancing their living standards.

PARTNER PROFILES

Hill City Secondary School

Email: emka2010@gmail.com | Tel: +256782371996 CONTACT US

Address:
Kitgum road, Lira, Uganda.

Type of investment:
Catalytic Grant

Hill City Secondary School is an educational institution established in 2014 to provide accessible and high-quality education to students within the Lira district, Uganda. Committed to fostering a conducive learning environment, Hill City is at the forefront of reducing carbon emissions by adopting energy□efficient cook stoves.

Buhweju Tea Factory

Email: rnayebare.buhweju@igaragrowersteafactoryltd.co.ug | Tel: +256703250860 CONTACT US

Address:
Kyamuhunga, Butare, Kasese Highway, Ishaka, Uganda.

Type of investment:
Catalytic Grant

Buhweju Tea Factory Limited is a tea-processing factor located in Buhweju district in Southwestern Uganda. Established in 2006, Buhweju is a farmer-owned tea factory processing over 17 million kilograms of green leaf per year.

Awelo Millers and Packers

Email: jamesebuk2012@gmail.com | Tel: +256777718855 CONTACT US

Address:
Akaka Parish - Aber s/c - Oyam district, Uganda.

Type of investment:
Catalytic Grant

Awelo Millers and Packers (U) Limited is a circular value additional enterprise specialising in agro-food processing. Established in 2015, Awelo utilises high quality machinery including oil press mills, rice hullers, and maize mills to manufacture a range of products to meet the needs of health-conscious people worldwide.

IMEU

Inclusive Markets for Energy Efficiency in Uganda (IMEU)

2021 - 2025
Key highlights

Inclusive Markets for Energy Efficiency in Uganda

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Kampala Uganda
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