

# AFRICAN BIODIGESTER COMPONENT (ABC) PROJECT

NEWSLETTER JULY – DECEMBER 2025

## Foreword Message from the Project Manager

Welcome to the July–December 2025 edition of the African Biodigester Component (ABC) Uganda Newsletter.

This period marked a pivotal phase for ABC as we transition from market stimulation to consolidation and long-term sector resilience. Throughout Quarters 3 and 4, we deepened partnerships, strengthened coordination mechanisms, and advanced practical solutions to some of the most persistent barriers to biodigester adoption—namely affordability, technical capacity, access to finance, and policy alignment.

Highlights from this edition include progress in local manufacturing of prefabricated biodigesters, expanded access to green financing for farmers, strengthened government-led sector coordination, and valuable regional insights gained from the ABC Knowledge Exchange in Cotonou, Benin.

We also reflect on key lessons from high-level engagements such as national biodigester

stakeholder collaborative and learning event, and renewable energy conference 2025 (REC25), the Annual Biodigester Sector Meeting, and the Netherlands Enterprise Agency (RVO) working visit, collectively, these engagements reinforced the importance of collaboration, evidence-based decision-making, and market-driven approaches in advancing a resilient and sustainable biodigester sector.

As ABC enters its final year of implementation, our focus is firmly centered on sustainability, national ownership, and the Institutionalisation of biodigester technology within Uganda's energy, agriculture, and climate change frameworks.

We extend our sincere appreciation to our government partners, private sector actors, financial institutions, and communities for their continued commitment to building a resilient biodigester market, one that delivers clean energy, strengthens livelihoods, and advances climate actions.

## IN THIS EDITION

### ABC Uganda Partners with Bold Biogas Ltd to Boost Local Manufacturing of Prefabricated Biodigesters

According to research on the [Economic Viability of Biogas in Uganda](#), a 12m<sup>3</sup> biodigester plant typically has a payback period of approximately 1.08 years when factoring in savings on charcoal and wood. While biodigesters offer a clean solution, high import costs—which spiked significantly in 2025—have kept them out of reach for many.

SNV Uganda, through the African Biodigester Component (ABC) project partnered with Bold Biogas Ltd to establish a local production facility for prefabricated biodigesters. This strategic initiative is designed to strengthen Uganda's domestic biodigester market by reducing reliance on imported technologies and associated costs by more than 40%.



*Bold Biogas Ltd.'s Factory Workers demonstrate how they make prefabricated biodigesters at the Company's factory in Mukono District.*

In 2025, the national import bill increased by 25.4% in a single month – rising from USD 887.1 million in February to USD 1.11 billion in March, according to the [UDB Macroeconomic Digest](#). This surge threatened the supply chain for local distributors like Bold Biogas Ltd. As the cost of imported prefabricated units tripled, the dream of affordable clean cooking began to slip out of reach for the very farmers who needed it most.

**“All partners’ sales had peaked up to February 2025 but have since declined sharply as the price of imported biodigesters tripled.”**, said Rogers Atwine, co- Proprietor of Bold Biogas Ltd. *Managing Director, Buks Africa Ltd / Co-owner, Bold Biogas Ltd*

He added, **“Without SNV’s support, many biodigester enterprises would not have survived; The partnership has made it possible for us to now target and serve these enterprises.”**

In partnership with ABC Uganda, Bold Biogas Ltd, an established Energy Service Company operating across Uganda’s cattle corridor, has embarked on establishing a local production facility with the capacity to manufacture up to 300 prefabricated biodigesters in its first year. The initiative is projected to reduce the cost of a 12m<sup>3</sup> biodigester by more than 40%, while creating over 20 local jobs, with a strong focus on youth and women.

Bold Biogas Ltd has a proven track record of installing over 340 biodigesters, since commencing operations in 2023. Furthermore, Bold Biogas uses innovative financing models with SACCOs and dairy farmer cooperatives to expand access to biodigester financing among smallholder farmers. This collaboration demonstrates ABC’s market systems approach by catalysing private sector investment, fostering local innovation, and strengthening long-term sustainability. It also accelerates access to clean cooking and organic fertiliser for Ugandan households..

# Over 1, 200 Farmers Reached with Messages on Green Financing Opportunities for Biodigesters



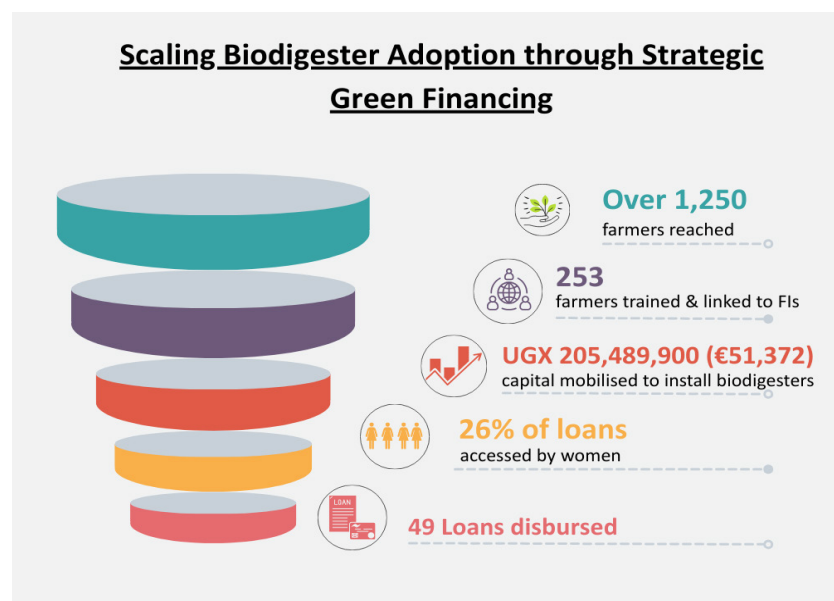
Farmers in Gasiza – Nyakabande, Kisoro District learn about the prefabricated biodigester during a practical session facilitated by the project with Mubuga SACCO and Adriani Agribusiness Ltd.

As part of ongoing efforts to accelerate the adoption of the biodigester technology in Uganda, the African Biodigester Component (ABC) directly engaged over 1,250 individual farmers organised under cooperatives and other farmers groups across four regions. Participants were provided with practical information on biodigester technology, including its benefits, functionality and available financing options.

Between July – September 2025, ABC conducted joint field activities, in collaboration with partner SACCOs, commercial banks and Biodigester Enterprises aimed at addressing one of the most significant barriers to biodigester adoption- the high

upfront cost. Through targeted outreach sessions, farmers were introduced to the existing green financing opportunities, including loan products offered by commercial banks and SACCOs. They were also guided through the application processes and requirements to access these loans to support biodigester installation.

So far, 253 farmers were directly trained and connected to commercial banks and SACCOs for biodigester financing. Of



these 49 end users (13 women and 36 men) successfully accessed biodigester loans totalling UGX 205,489,900 (€51,372). These loans are enabling households to install biodigesters and start benefiting from clean cooking, reduced fuel costs, and the use of organic bio-slurry to enhance agricultural productivity.

In South-Western Uganda, ABC conducted field engagement jointly with Mubuga SACCO and EBO SACCO, alongside biodigester enterprises such as Adriani Agribusiness Ltd, Innos Company Uganda Ltd, and Bold Biogas Ltd, covering the districts of Kisoro, Ntungamo, Bushenyi and Ibanda. In the Northern and Eastern regions, ABC partnered with Nakanyonyi SACCO and Centenary bank alongside Biodigester Enterprises such as MECOD Enterprises, Biogas Guru, and Kamuli Sustainable Energy Company

Limited (KASECO), engaging farmers in Serere, Katakwi, Lira, Oyam, and Jinja.

Farmers responded with enthusiasm, asking practical questions and showing strong interest in biodigester technology and its by-products. The financial institutions played a critical role in providing the farmers with information on available loan products, guiding them through financing options for biodigester installations, and offering loans at relatively affordable interest rates, aligned with the seasonal income streams of smallholder farmers.

This initiative not only strengthens market and institutional linkages between farmers, biodigester enterprises, and financial institutions, but also builds momentum for scaling up biodigester adoption nationwide, contributing to Uganda's clean energy and climate resilience.

## Strengthening the Coordination of Uganda's Biodigester Sector



*Eng. Herbert Abigaba, Asst. Commissioner, and Head of Clean Cooking Unit - MEMD chairing the biodigester sector technical working committee in December 2025*

The project took a major step toward strengthening collaboration in the biodigester sector in the country by ensuring the operationalisation and functionality of the Biodigester Sector Coordination Committee which was later renamed the Biodigester Sector Technical Working Committee.

In a bid to ensure strengthened government-led sector coordination, the two quarterly meetings of the committee were hosted and chaired by the Ministry of Energy and Mineral Development (MEMD). This will be the 'modus operandi' of the committee moving forward.

The committee comprises of representatives from MEMD, Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), Office of the Prime Minister (OPM), Uganda Energy Credit Capitalisation Company (UECCC) / Energy Access Scale-up Project (EASP), SNV, GIZ, and BSUL. The biodigester sector technical working committee meetings serve as a forum to dialogue, analyse, and advise on issues related to the technical, policy, legal, governance, and financing of the biodigester sector in Uganda. ABC represented by SNV and GIZ are part of the Secretariat that support the hosts MEMD and MAAIF in agenda setting, mobilisation of participants, preparation of memoranda of issues for discussion and providing logistical support.

Notably, the committee developed the terms of reference to streamline its operations in terms of membership, roles and scope of work, frequency of meetings, secretariat work, and reporting obligations. The terms of reference were co-approved by the leadership of MEMD and MAAIF as co-chairs of the committee. Other key issues discussed included fast tracking the finalisation of the draft policy and legal framework documents, strengthening collaboration and synergies among the biodigester sector stakeholders- government and private sector.

Both MEMD and MAAIF reiterated the government's commitment to lead coordination efforts, ensuring that biodigester technology continues to contribute to clean energy access, sustainable agriculture, and in achieving Uganda's climate goals.

## Regional Learning in Cotonou: Mapping ABC Uganda's Post-2026 Legacy

**C**otonou, Benin - **The African Biodigester Component (ABC) hosted a landmark knowledge exchange event, from September 29<sup>th</sup> to October 3<sup>rd</sup>, 2025, to define the strategic roadmap for the sector's sustainability beyond the project's conclusion in 2026.**

As ABC enters its final year of implementation, this five-day summit brought together over 60 delegates from East and West Africa to ensure that the progress made in clean cooking and climate-smart agriculture becomes a permanent fixture of national development. The event provided the clarity, momentum, and a shared strategy to sustain progress beyond 2026.



*Dennis Barbian, Programme Coordinator African Biodigester Component, RVO, makes remarks in Cotonou, Benin*

The ABC Uganda delegation comprised SNV, GIZ, BSUL, and Government of Uganda representatives from MEMD and MAAIF. In addition, representatives from ABC countries, SNV country teams, RVO, the West Africa Biodigester Alliance, and private sector actors converged to reflect on ABC's three strategic themes: exit strategy, sustainability, and sector resilience.

Opening remarks from the SNV Benin Country Director, and the Secretary General of the West African Biodigester Alliance highlighted the importance of regional harmonisation of policies. The RVO team implored participants to define the legacy ABC must leave behind, prompting rich reflections on institutionalisation and national ownership. The knowledge exchange yielded four critical lessons for the 2026 transition:

### **Lesson 1: Innovative Financing Models Matter**

Access to finance emerged as one of the most critical and promising areas of discussion during the ABC Knowledge Exchange in Cotonou. With biodigester adoption still limited by high upfront costs in many countries, participants explored practical financing mechanisms that can



*Group discussions with participants from both West and East Africa during the Knowledge Exchange Event in Cotonou.*

unlock affordability for both enterprises and rural households. Results-Based Financing (RBF) and Advance RBF emerged as essential liquidity tools for enterprises. Uganda's National Climate Finance Strategy (2025), with its USD 20.5 billion framework, was recognised as a gold standard for mobilising domestic resources to replace expiring donor grants.

## Lesson 2: Institutionalising Skills and Standards

The sustainability of the market rests on human capital. While Uganda has made strides in vocational training, the exchange highlighted Kenya's integration of biodigester curriculum into its National Industrial Training Authority (NITA) as a model for regional replication. Furthermore, the event stressed that technical skill must be matched by after-sales service systems to provide consistent maintenance and digital monitoring tools that ensure real-time functionality checks.



*MEMD's Hatimu Muyanja (2nd Left) participating in a Panel discussion on the Economic Opportunities for Biodigester Associations in the Biodigester Market*

## Lesson 3: Policy Integration as a Market Safeguard

A recurring message from West African partners was that market gains remain fragile without policy “anchors.” Uganda showcased its progress in aligning biodigester development with Vision 2040 and the National Organic Agriculture Bill. Participants emphasised that embedding biodigester awareness into national and sub-county budgets—as seen in Kenya—is the ultimate “exit strategy” to ensure the sector grows long after donor funding ends.



*MAAIF's Peter Dhamuzungu East African participants (Kenya and Uganda) discuss policy alignment during the Knowledge Exchange Event in Benin.*

By the mission's conclusion, the Cotonou deliberations made one reality clear. ABC Uganda is no longer just a project, but part of an Africa-wide movement. The focus now shifts to finalising the National Biodigester Strategy, ensuring that clean energy and regenerative agriculture remain at the heart of Uganda's development agenda.

## Lesson 4: Biodigester Enterprise from Benin Shows the Future of a Thriving Biodigester Sector

The Benin exchange provided a glimpse into the future of a thriving, self-sustaining biodigester market. Beninese entrepreneurs demonstrated that the transition from “project-led” to “market-led” depends on the professionalisation of Biodigester Enterprises (BEs). By moving beyond simple installations to offering diversified value chains—such as commercial organic fertiliser production from bio-slurry—these businesses have unlocked new, year-round revenue streams.

Key takeaways for the Ugandan market include:

- **Strengthened Management:** Benin's BEs showcased how improved record-keeping and customer service lead to higher creditworthiness, allowing them to partner with microfinance institutions for smoother cash flow.



*A cross section of participants during the ABC Knowledge Exchange Event in Benin September 29 – October 4th, 2025*

- **The Agriculture-Energy Nexus:** The potential of agro-input distribution and carbon markets was highlighted to expand the commercial footprint of biogas technology.
- **Resilience through Innovation:** Despite common hurdles like limited working capital, the Beninese model proved that investment-ready enterprises can drive rural energy transitions and create jobs simultaneously.

To conclude, the Cotonou exchange reinforced one key message: sustaining biodigester markets requires stronger coordination across governments, private sector, and financial institutions. As ABC transitions to a phase focused on consolidation, the Cotonou Knowledge Exchange event set the direction for a collaborative Africa-wide push to ensure biodigesters remain central to the continent's clean cooking and climate-smart agriculture agenda.

## RVO monitoring visit to ABC Uganda unearthed key milestones in Uganda's biodigester sector growth

**Kampala, Uganda** – On 29th June 2025, a high-level delegation from the Netherlands Enterprise Agency (RVO) visited Uganda to validate the sector's transition from a nascent market to a mature, self-sustaining bio-energy economy.

From 29th June to July 4th the RVO delegation convened with ABC Uganda's consortium members – SNV, GIZ, BSUL – alongside thematic partners- the Energy Enterprise Coach (EEC), KPMG as the Independent Verification Agent, and the BDS Consultant- Klima Advisory. Participants shared progress updates, learnings, and highlighted opportunities to enhance delivery across the programme. KPMG also demonstrated the digital verification system being developed to support accurate

reporting and verification of biodigesters installed under the ABC programme.

The RVO team then travelled to central and southwestern regions of Uganda where they met smallholder farmers using biodigesters for clean cooking and transforming household



*Anne Grootenhuis, RVO, tries on a biodigester mixer during the field visit in Kayabwe, Mpigi, Central Uganda.*

waste into clean energy that powers farming operations. Farmers shared inspiring testimonies of how biodigesters have reduced fuel costs, improved sanitation, and enabled value addition such as processing milk and organic fertiliser.

During the visit, the RVO delegation also held discussions with the Ministry of Energy and Mineral Development (MEMD), Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), Embassy of the Kingdom of the Netherlands, financial institutions, and biodigester enterprises operating in the regions, exploring how to deepen financing, enterprise support, and market development.

The visit concluded with the RVO team emphasising the importance of **leveraging the achievements of the entire biodigester sector**, not only the successes of the ABC project. They encouraged partners to strengthen collaboration, build synergies, and continue fostering strategic partnerships to accelerate the growth and sustainability of Uganda's biodigester market. Another key message was the need to include **medium size biodigesters in the ABC programming** in addition to small household biodigesters and support local innovations including local manufacturing of biodigesters.

## ABC Uganda Convenes Biodigester Sector Learning Event to Strengthen Collaboration and Drive Adoption for biodigester technology

On 8 October 2025, ABC convened a biodigester sector collaborative and learning event at Hotel Africana, Kampala, bringing together government ministries, private sector actors, development partners, and implementers to share insights on strengthening Uganda's biodigester ecosystem. The event aimed to create an opportunity for the biodigester sector stakeholders in Uganda to share experiences, best practices, innovative approaches in the biodigester market development, identify persistent challenges and craft practical solutions, optimise resource use, and explore collaborative approaches to accelerate biodigester adoption for clean cooking, regenerative agriculture, waste management, and climate resilience in Uganda.

Participants included representatives from MEMD, MAAIF, MoLG, UNDP, UNICEF, OXFAM, CARE, World Food Programme, World Vision, Caritas- Gulu, Self Help Africa, ABC consortium partners (SNV, GIZ, BSUL), AVSI, aBi Development, Ripple Effect, among many others, making

it one of the most diverse multi-stakeholder engagements in the sector this year.

The discussions highlighted the biodigester sector's progress in awareness creation, technology adoption, and integration into agriculture and livelihoods. However, persistent challenges remain, including affordability, limited financing options, limited technician capacity, and weak follow-up systems. Stakeholders emphasised the need for inclusive awareness campaigns, capacity building, quality assurance, gender-responsive approaches, follow-up support, and well-



*One of the panel discussions during the Biodigester Sector Learning Event at Hotel Africana in Kampala.*

coordinated government engagements.

Participants also highlighted the need to improve affordability and access to finance to ensure mass adoption of the biodigester technology. Many emphasised linking biodigesters to broader national priorities such as water, sanitation and hygiene (WASH), climate-smart agriculture, the Clean Cooking Strategy, and the National Organic Fertiliser Policy.

Experienced sharing session showcased the impact of bio-slurry on yields, improved household stability, reduced firewood collection by girls, and innovations such as mixing chambers and bio-toilets.

The event concluded with a strong call for collaboration among stakeholders—government ministries, development agencies, private enterprises, and community organisations—to accelerate Uganda’s biodigester market development and sustainable energy solutions. Stakeholders agreed on the importance of stronger coordination, gender-inclusive approaches, technician certification, private sector engagement, and proper documentation of bio slurry and biogas enterprise benefits. Government ministries reaffirmed their commitment to improved sector coordination, improved standards, financing frameworks, and integration of biodigesters into agricultural and energy policies.

## ABC Uganda Showcases Biodigester Lessons and Opportunities at #REC25

The African Biodigester Component (ABC) Uganda hosted a high-level panel discussion, a side event at the Renewable Energy Conference and Expo 2025 (REC25) on 21 October 2025 at Serena Hotel, Kampala. The session, titled “**Lessons and Opportunities for Biodigester Market Development: A Tale from the ABC,**” brought together representatives from government ministries, biodigester enterprises, development partners, and financial institutions to reflect on market-driven approaches for scaling biodigesters in Uganda.

The discussion highlighted practical lessons from implementation, with strong emphasis on quality, affordability, awareness, and Gender Equality and Social Inclusion (GESI).

Sharing experiences from Kyangwali Refugee Settlement, CARE International in Uganda highlighted how biodigesters can succeed even in humanitarian settings. Starting with just two systems, CARE has installed 92 biodigesters and is targeting 300 systems through collective financing and awareness models.

“Bio-slurry has become one of the strongest selling points, not only as organic manure, but also as a floor-finishing material that women value for keeping homes clean and dignified,” noted African Muhangi, CARE International Uganda.

Biogas Solutions Uganda Limited (BSUL) emphasised that quality installation and correct system sizing are critical for sustained adoption, noting that a 4–6m<sup>3</sup> biodigester can save up to 0.3 hectares of woodlot annually while boosting farm productivity through bio-slurry. BSUL also shared success stories of biogas-powered health facilities in the West-Nile sub-region now supporting maternity services.



A panel discussion during the REC25 at Kampala Serena Hotel.

Bold Biogas highlighted low awareness and purchasing power as key barriers to massive biodigester technology adoption. However, Bold Biogas has employed multiple interventions to address such barriers including demonstration sites, radio outreach, and linking farmers to SACCOs for green loans. The company also pointed to opportunities in local manufacturing and expanded uses of biogas beyond cooking.

aBi Development showcased its 30% grant and 70% farmer contribution model, which

has helped increase uptake of biodigesters among smallholder farmers. On the other hand, World Food Programme shared lessons from installing biodigesters in schools in Karamoja, noting the need for stronger ownership and maintenance models and linkages with other programmes in the region such as school-feeding programme.

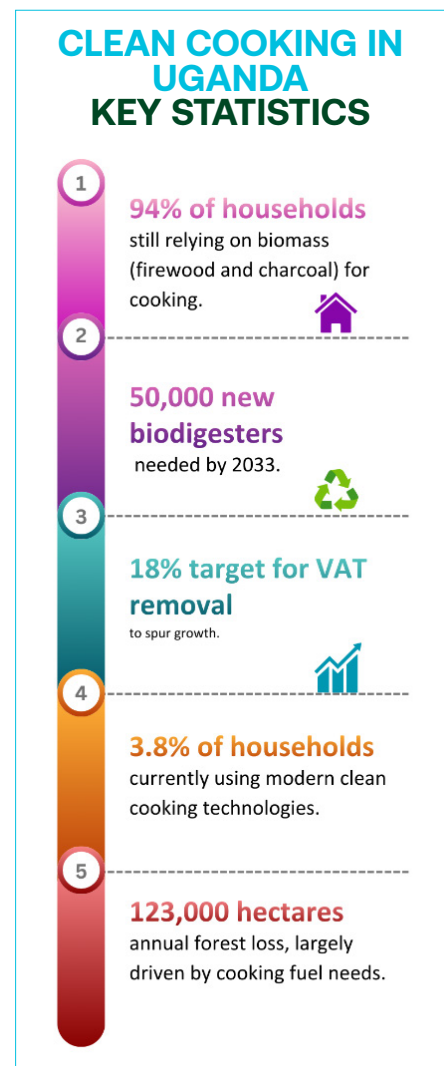
The REC25 session reaffirmed that biodigesters are a proven, scalable clean energy solution when supported by strong markets, financing, and inclusive approaches.

## Turning Tax Policy into a Catalyst for Clean Cooking

In September 2025, ABC Uganda participated in a high-level National Clean Cooking Taxation Dialogue to ensure that biodigester technology remains at the forefront of the country’s fiscal incentive roadmap. The dialogue, convened by the Uganda National Alliance in Clean Cooking (UNACC) in collaboration with GIZ and the Ministry of Energy and Mineral Development (MEMD), addressed a critical gap: while the NDP IV sets ambitious energy targets, modern clean cooking access currently stands at just 3.8%.

Taxation remains one of the most complex policy areas for emerging sectors, particularly where governments must balance revenue generation with the need to stimulate private sector growth. For Uganda’s clean cooking market, still at a relatively early stage, tax policy can determine whether private sector investments scale or stall. It’s also critical for technology affordability and adoption by customers. This reality framed last year’s Uganda national clean cooking taxation dialogue, which brought together government, private sector actors, and development partners to explore how fiscal incentives can accelerate access to clean cooking solutions.

The National Clean Cooking Taxation Dialogue took place against the backdrop of ambitious national targets that significantly outpace current adoption levels. Under Uganda’s current National Development agenda (NDP IV),





*Participants at the clean cooking taxation dialogue*

the government has set ambitious goals to increase the uptake of clean cooking solutions across the country. However, recent data shows that access to modern clean cooking remains very low, with only about 3.8 % of households using clean cooking technologies as of 2024 (Uganda National Population and Housing Census report), and a slightly higher share adopting transitional solutions when broader measures are included. Traditional biomass fuels such as firewood and charcoal continue to dominate household cooking energy, underlining the need for accelerated policy action, private sector engagement, and investment to meet national clean cooking targets. The scale of this gap highlights the need for sustained private sector investment supported by enabling fiscal policies.

Speaking at the engagement, Justine Akumu, Senior Clean Cooking Officer at MEMD's National Clean Cooking Unit, stressed that tax policy must be viewed as a market enabler. "Clean cooking will not scale without a strong private sector," she noted. "Our role as government is to reduce cost barriers, attract investment, and ensure that quality products reach households safely and affordably."

Participants examined how existing tax incentives align with national strategies across key cooking technologies. The Fourth National Development Plan (NDP IV) integrates biodigester scale-up into broader national clean cooking and renewable energy goals. The National Biogas Strategy and Action Plan (draft) targets 50,000 new domestic digesters by 2033. Achieving this target will require rapid annual growth, underscoring the importance of clear guidelines on tax exemptions and additional tax waivers.

Electric cooking faces similar challenges, with the National E-Cooking Strategy aiming to increase the share of households cooking with electricity from less than 2 percent today to 18 percent by 2030, a transition that will depend heavily on affordable appliances and supportive tax measures, while ethanol cooking, currently used by only a few thousand households, must scale rapidly to meet national targets outlined in the Sustainable Biofuels Infrastructure Development Project.

Improved cookstoves were also highlighted, particularly in rural areas where adoption remains low despite national targets of 40 percent by 2030 under the Energy Transition Plan. Duty remissions on manufacturing inputs were cited as critical for expanding access.

A key consensus from the dialogue was the need to link tax incentives to quality assurance. Only products meeting national standards and Minimum Energy Performance Standards should benefit from fiscal relief. As Ms. Akumu emphasised, "Tax incentives must support both market growth and consumer protection." The dialogue concluded with a shared commitment to strengthening tax policy as a strategic tool for unlocking private sector-led growth and accelerating Uganda's clean cooking transition. It also resulted in a position paper recommending the removal of the 18% VAT across all clean cooking fuels and appliances for five years. The paper provides the government with a clear, evidence-based case for targeted tax incentives and serves as a key tool for advocacy on tax incentives.

## ABC Reviews Uganda's Biodigester Market at 2025 Annual Sector Meeting



*Participants pose for a group photo during the 2025 Annual Sector EAMD Assessment Meeting in November 2025.*

The ABC project convened the 2025 Annual Biodigester Sector Meeting on 18–19 November 2025 at Protea Hotel, Kampala, bringing together key stakeholders to assess progress in Uganda's biodigester market using the Energy Access and Market Development (EAMD) scorecard tool.

In partnership with the Ministry of Energy and Mineral Development (MEMD) and the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), the annual meeting provided a structured platform for sector actors to reflect on achievements, identify gaps, and agree on priorities for market upscaling.

Over the two days, participants reviewed performance across demand, supply, and the enabling environment, the three pillars that drive sustainable biodigester market growth. Day One focused on demand- and supply-side performance review, including a review of the 2024 EAMD assessment, discussions on emerging sector issues in 2025, and a comprehensive demand and supply assessment led by ABC partners. Day

Two centred on the enabling environment, examining policy, institutional, and regulatory factors affecting the sector, and undertaking the 2025 enabling environment assessment.

Through this annual EAMD assessment, ABC strengthened evidence-based annual joint biodigester sector performance review, dialogue, and collective action to advance Uganda's commercial biodigester sector and accelerate access to clean, sustainable energy solutions nationwide. Below are the key analyses of the 2025 EAMD Assessment

**Demand side** showed positive improvement in biodigester adoption rates compared to 2024, despite increased average prices. Targeted consumer awareness campaigns on diversified benefits (especially bio-slurry) and financing options, has driven market growth. System functionality also improved to 92%, up from 89% in 2024.

**Supply- side** assessment showed improved business performance among existing BEs. Enterprises benefited from technical support under the ABC Project, addressing

gaps in financial management, marketing, and investment readiness. The majority of active enterprises have independently brokered business deals with development partners and financial institutions. Including conducting marketing drives with minimal donor support, reflecting a continued upward trend in professionalisation, collaboration, and operations in 2025.

**The Enabling Environment** maintained good performance due to active oversight by MEMD and MAAIF. Stakeholders noted that while supportive policies like NDP IV and the National Energy Policy 2023 exist, they are implemented with limited scope in promoting biodigester technology.

The National Biodigester Strategy and Action Plan remain a work in progress. While complete prefabricated kits are tax-exempt under the renewable tax bill, individual appliances continue to attract import duties,

indicating variations in how the Uganda Revenue Authority applies tax assessments. Stakeholders also noted low uptake of credit and RBF facilities by prequalified supply companies. According to the November 2025 survey, only 10.1% of end users accessed credit to purchase units during the year.

The sector is gradually advancing toward the expansion phase, driven by targeted customer awareness, tailored capacity building for enterprises, result-based financing mechanisms, and strategic support from MEMD. Continued focus for the sector lies on leveraging government-backed programmes like UECCC/EASP (World Bank-funded) and the Uganda Electricity and Biogas and Electric Cooking Program (UEBP), funded by the African Development Bank (AfDB) initiatives, while enhancing market awareness and access to finance to sustain momentum and foster long-term growth.



*The 2025 Annual Sector Meeting highlighted a maturing market where increased functionality and consumer awareness are driving biodigester adoption rates. Our collective goal remains to transition from market stimulation to long-term commercial resilience, ensuring every Ugandan farmer can access clean energy.*



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