



# CLEAN COOKING ECOSYSTEM ATLAS

UGANDA 2025

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This collective effort underscores the power of collaboration in driving Uganda's transition to clean, safe, affordable, and sustainable cooking solutions. Together, we are building the knowledge and partnerships necessary for a healthier, more inclusive, and climate-resilient future.

#### ii. List of Abbreviations

ABC – African Biodigester Component

ABPP – Africa Biogas Partnership Programme

AfDB – African Development Bank

AFEC – African Energy Commission

ALIGHT – Alight (formerly American Refugee Committee)

AUPWAE - Association of Uganda Professional Women in Agriculture and Environment

BCCeC - Behaviour Change Communication for e-Cooking

BEETA – Biomass Energy Efficiency Technologies Association

BMUV – Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (Germany)

BMWK – Federal Ministry for Economic Affairs and Climate Action (Germany)

BMZ – Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (German Federal Ministry for Economic

Cooperation and Development)

CCA - Clean Cooking Alliance

CCAC - Climate and Clean Air Coalition

CCE - Clean Cooking Energy

CCSH - Cost, Convenience, Safety and Health

CEDAT - College of Engineering, Design, Art and Technology (Makerere University)

CEPA - Clean Energy Partnership for Africa

CIFED - Centre for Integrated Family and Environmental Development (Uganda)

CIRCODU - Centre for Integrated Research and Community Development Uganda

CISC - Christar Innovation and Skilling Centre

CO - Carbon Monoxide

CO<sub>2</sub> – Carbon Dioxide

CREEC - Centre for Research in Energy and Energy Conservation

CREAM - Community Organization for Rural Enterprise Activity Management

DANIDA - Danish International Development Agency

DGIS - Directorate-General for International Cooperation (Netherlands)

DKTI - Deutsche Klima- und Technologie Initiative / German Climate and Technology Initiative

DSS - Demand-Side Subsidies

DSRBF - Demand-Side Results Based Financing

EASP - Electricity Access Scale-Up Project

ECOOK - Electric Cooking

EE - Energy Efficiency

ENACT - Enabling African Cities for Transformative Energy Access

EnDev - Energising Development

EPC - Electric Pressure Cooker

EPT - Energy Transition Plan

ESMAP - Energy Sector Management Assistance Program (World Bank)

EU - European Union

EUF - Energy Uganda Foundation

FAO - Food and Agriculture Organization

FM&SCVC - Forest Management and Sustainable Charcoal Value Chain

FTEEB - Fuel, Technology, Equipment, Environment, Behaviour

GACC - Global Alliance for Clean Cookstoves

GBEP - Global Bioenergy Partnership

GEF - Global Environment Facility

GGGI - Global Green Growth Institute

GHG - Greenhouse Gas

GIZ – Deutsche Gesellschaft für Internationale Zusammenarbeit

GKMA – Greater Kampala Metropolitan Area

HH - Household

HTCC - Higher Tier Cooking Component

ICLEI - ICLEI Local Governments for Sustainability

ICS – Improved Cookstove

IEA – International Energy Agency

IEC - International Electrotechnical Commission

IMEU - Inclusive Markets for Energy Efficiency Uganda

ISO - International Organization for Standardization

JEEP – Joint Energy and Environment Projects

KPI – Key Performance Indicators

LPG - Liquefied Petroleum Gas

M&E - Monitoring and Evaluation

MECS - Modern Energy Cooking Services

MEMD – Ministry of Energy and Mineral Development (Uganda)

MFA – Ministry of Foreign Affairs (Norway)

MFI - Micro Finance Institution

MRV - Monitoring, Reporting and Verification

MSW - Municipal Solid Waste

MWE – Ministry of Water and Environment (Uganda)

NAMA – Nationally Appropriate Mitigation Action

NCHE - National Council for Higher Education (Uganda)

NGO - Non-Governmental Organization

NICCS - National Integrated Clean Cooking Strategy

NORAD - Norwegian Agency for Development Cooperation

NREP - National Renewable Energy Platform

NWSC - National Water and Sewerage Corporation

ODA - Official Development Assistance

OGS - Off-Grid Solar

PESTD - Promoters of Efficient Technologies for Development

PM - Particulate Matter

PREEEP - Promotion of Renewable Energy & Energy Efficiency Programme

PSFU - Private Sector Foundation Uganda

R&D - Research & Development

RE – Renewable Energy

RESI - Rural Environmental Sustainability Initiative

RHE – Rape Hurts Foundation

RTKC - Regional Testing and Knowledge Centre

RUCODE - Rural Community Development / Rural Country Development Organization

RVO - Rijksdienst voor Ondernemend Nederland (Netherlands Enterprise Agency)

SACCOs – Savings and Credit Cooperative Organizations

SAF-Teso – Shine Africa Foundation – Teso

SDC – Swiss Agency for Development and Cooperation

SDG - Sustainable Development Goal

SEE-CC – Strengthening the Entrepreneurial Ecosystem for Clean Cooking

SMEs - Small & Medium Enterprises

SNV – Netherlands Development Organization

UECCC - Uganda Energy Credit Capitalization Company

UGX - Ugandan Shillings

UK - United Kingdom

UK FCDO - Foreign, Commonwealth and Development Office (UK)

UMA - Uganda Manufacturers Association

**UN - United Nations** 

UNACC - Uganda National Alliance on Clean Cooking

UNBS - Uganda National Bureau of Standards

UNCDF - United Nations Capital Development Fund

UNDP - United Nations Development Programme

UNHCR - United Nations High Commissioner for Refugees

UPCHAIN - Unlocking the Potential of Green Charcoal Innovations to Mitigate Climate Change in Northern Uganda

URSB - Uganda Registration Services Bureau

US - United States / Uganda Standard (context-dependent)

USD - United States Dollar

USEA - Uganda Solar Energy Association

VAT – Value Added Tax

WWF - World Wide Fund for Nature

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### I. Executive Summary

Clean cooking is a critical challenge in Uganda, where over 95% of households still rely on solid biomass—primarily firewood and charcoal—for their daily cooking needs. Traditional cooking methods pose severe health risks, contribute to deforestation and greenhouse gas emissions, and disproportionately affect women and children. Transitioning to clean, safe, and sustainable cooking solutions is therefore central to Uganda's goals on public health, environmental protection, gender equality, and economic development.

The Clean Cooking Ecosystem Atlas – Uganda 2025 has been developed as a comprehensive knowledge tool. It maps the clean cooking landscape, providing insights on stakeholders, technologies, policies, programs, and interventions. The Atlas aims to strengthen knowledge management, coordination, and investment in the sector by offering a structured, data-driven overview of the ecosystem.

Key elements captured in the Atlas include:

Sector Landscape: Current fuel and technology usage patterns remain dominated by biomass, but adoption of alternatives such as LPG, electricity, biogas, ethanol, and briquettes is slowly increasing. Cost, cultural practices, supply constraints, and limited awareness remain key barriers.

Actors and Stakeholders: The clean cooking ecosystem is highly diverse, involving government agencies (notably MEMD, MWE, UNBS), development partners (World Bank, GIZ, EnDev, SNV, UNDP, FAO), private enterprises, civil society organizations, and academic institutions. Each actor plays a distinct role in technology development, financing, policy, advocacy, and capacity building.

Enabling Environment: Uganda has developed a strong policy and regulatory framework, including the National Integrated Clean Cooking Strategy (NICCS), the National LPG Program, and ongoing initiatives under the Energy Sector Management Assistance Program (ESMAP) and Modern Energy Cooking Services (MECS). These strategies aim to reduce biomass reliance, scale up LPG and electricity use, and establish clear standards, incentives, and certification processes.

Interventions and Programs: Numerous national and international programs are underway, including the Africa Biogas Partnership Programme (ABPP), Inclusive Markets for Energy Efficiency Uganda (IMEU), the Higher Tier Cooking Component

(HTCC), and the Electricity Access Scale-Up Project (EASP). Collectively, these interventions focus on expanding access, supporting private-sector innovation, financing enterprises, building capacity, and promoting behavior change for e-cooking.

Opportunities and Gaps: Uganda has made progress in promoting clean cooking, but challenges remain. Affordability, cultural acceptance, weak supply and distribution chains, and limited access to finance continue to hinder uptake. There is also a need for stronger coordination, monitoring, and integration of cultural dynamics into program design, as traditional cooking practices remain deeply embedded in communities.

The Atlas is conceived as a living document—a dynamic knowledge product that will evolve with sector developments. It complements other knowledge tools, including a web-based knowledge management platform and mobile application, designed to facilitate information sharing and collaboration across the ecosystem.

By consolidating evidence, mapping interventions, and identifying gaps, the Clean Cooking Ecosystem Atlas supports Uganda's ambition to ensure that every household can access clean, safe, and sustainable cooking solutions. It provides a foundation for policymakers, private investors, development partners, and community actors to work together in accelerating the transition toward universal clean cooking access, in alignment with Uganda's commitments to SDG 7 – Affordable and Clean Energy and broader climate and development goals.

#### II. Introduction

Clean cooking is not merely a component of energy access, it is a critical intersection of public health, environmental sustainability, gender equality, and economic development. In Uganda, more than 90% of the population primarily cooks with solid biomass, often using traditional and inefficient stoves that cause harmful indoor air pollution, deforestation, and health problems, particularly for women and children.

This Atlas seeks to map and profile Uganda's clean cooking ecosystem, offering a structured, data-driven overview of the current state, opportunities, and gaps. It builds on the recognition that the clean cooking sector involves a diverse network of stakeholders, ranging from government agencies and Non-Governmental Organizations (NGOs) to private enterprises, researchers, and community groups, each contributing uniquely to the transition from traditional to modern cooking practices.

The document is conceived as a *living knowledge product*, designed to grow and adapt with time. It captures:

- The current landscape of clean cooking fuels, technologies, and usage patterns.
- The motivations and constraints that influence household and institutional choices.
- The spectrum of actors driving innovation, finance, awareness, and policy.
- Insights into past and ongoing interventions, enabling environment, and strategies for the future.

Through this Atlas, Uganda takes a significant step toward strengthening the knowledge base and collaborative potential of its clean cooking sector. The aim is to accelerate the adoption of clean, safe, affordable, and sustainable cooking solutions, ensuring every household can cook without compromising health, environment, or culture.

#### 2.1. Background and context of clean cooking in Uganda

More than just a common jargon in the ongoing debates about climate change and sustainable development, "Clean Cooking Energy" (CCE) is a concept on which much knowledge has been and is still being produced, from different perspectives (academic, policymaking, civil society, business, etc.). In the current literature on cooking energy, it is undisputed that "the primary purpose of a cooking system is to facilitate the transformation of food items into meals. It is not a dedicated health care device, nor a climate-savior" However, the impact of cooking technologies and practices on health and environment cannot be overstated. The concept of CCE emphasizes that correlation between health, energy and environment, within the cooking energy system, is based on a premise that can be articulated as follows:

"Cooking is the application of heat that alters the composition of food products to enhance taste, texture, digestibility and shelf life. In addition, cooking is helpful as it reduces food-borne illnesses that would harm the consumers. However, cooking requires substantial amounts of energy." Yet, energy production and consumption have so far had "severe consequences for both public health and the environment" 4

Therefore, minimizing the negative health and environmental impact of production and consumption of energy used to address human needs, in terms of food, should be a concern of the different players in the cooking energy ecosystem. Also, cooking technologies and practices that ensure sufficient clean energy should be produced and used to effectively address the current generation's need for healthy food, without jeopardizing the ability of future generations to address the same basic need. That is the conceptual background under which this study is undertaken, in the Ugandan context. The main aim of the study is to assess the current state of knowledge management within Uganda's clean cooking ecosystem, and to accordingly develop new knowledge products that can ensure improved utilization, transfer and creation of knowledge regarding CCE.

In the following paragraphs, our exploration of the existing knowledge about CCE in Uganda, will be framed around a twofold question: What are the cooking technologies and practices generally used in Uganda, and what factors determine the choice of these technologies and practices by users?

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<sup>&</sup>lt;sup>1</sup> EnDev, EnDev's proxy-indicator approach for assessing the quality of a Cooking Energy System, August 2017.

<sup>&</sup>lt;sup>2</sup> African Energy Commission (AFREC), Sustainable Scaling: Meeting the Clean Cooking Challenge in Africa, (UKAID, MECS, Loughborough University, ESMAP), November 2024.

<sup>&</sup>lt;sup>3</sup> P.K. Kajumba *et al.*, <u>Assessment of the energy needs for cooking local food in Uganda: A strategy for sizing thermal energy storage with cooker system, Energy for Sustainable Development, Vol. 67, April 2022, 67-80.</u>

<sup>&</sup>lt;sup>4</sup> T. Perros et al., Stakeholder perspectives on the future of clean cooking in sub-Saharan Africa and the role of pay-as-you- go LPG in expanding access, Energy Research & Social Science, Vol. 112, June 2024.

In addressing these questions, it is hypothesized that there is a "cooking energy ecosystem" in Uganda, within which actors interact in different ways and at different levels, sometimes with diverging interests despite pursuing one ultimate common objective of facilitating the transition from polluting to clean cooking fuels and related technologies and practices. In other words, this literature review is premised on the assumption that improving the country's "cooking energy system" for more sustainability is the basic focus of the players of the said ecosystem.

#### 2.1.1. Overview of the Clean Cooking Energy Ecosystem in Uganda

According to the World Bank, "the major players that enable and support the clean energy ecosystem can be divided into seven categories: Research institutions and testing centers; Fuel and stove suppliers; Providers of finance; Government agencies/programs; Donors; NGOs; and Coordinating platforms and initiatives". Within each category of the ecosystem, knowledge about clean cooking energy is regularly produced and managed, with the objective of driving transition from polluting to clean cooking energy. As illustrated below (Fig.1), Coordinating Platforms are at the heart of the ecosystem. These are coalitions and partnerships of national and international organizations and private sector actors which are involved in "the provision, aggregation, and dissemination of knowledge". Most importantly, these platforms contribute to bridging the gap between the ecosystem players and the end-users of cooking energy, by "mobilizing support from public, private, and non-profit stakeholders to address the production, deployment, and use of clean cookstoves". They are led by the Clean Cooking Alliance (CCA)8 – a UN foundation, which works in conjunction with affiliates organizations with a similar mission at the national levels, such as the Uganda National Alliance on Clean Cooking (UNACC)9.

It is equally worth noting crucial role played by research institutions such as the Centre for Research in Energy and Energy Conservation (<u>CREEC</u>) and the Centre for Integrated Research and Community Development Uganda (<u>CIRCODU</u>), in producing, managing and sharing the knowledge about the clean cooking energy system, on which coordinating platforms rely to discharge their mandate in Uganda

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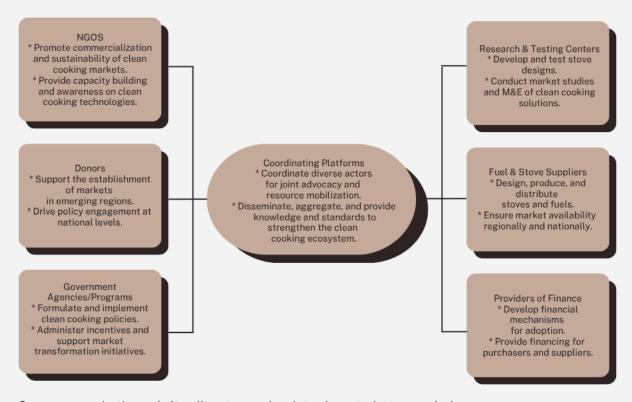
<sup>&</sup>lt;sup>5</sup> WBG (ESMAP & GACC), <u>The State of the Global Clean and Improved Cooking Sector</u>, TR 007/15 (2015)

<sup>&</sup>lt;sup>6</sup> WBG (ESMAP & GACC), *The State of the Global Clean and Improved Cooking Sector*, TR 007/15 (2015) p.122.

<sup>&</sup>lt;sup>7</sup> WBG (ESMAP & GACC), *The State of the Global Clean and Improved Cooking Sector*, TR007/15 (2015) p.122.

<sup>&</sup>lt;sup>8</sup> Formerly known as the Global Alliance for Clean Cookstoves (GACC): <a href="https://cleancooking.org/">https://cleancooking.org/</a>

<sup>9</sup> https://www.unaccug.org/



Sources: organization websites, literature review, interviews, task team analysis

Figure 1: The Cooking Energy Ecosystem<sup>10</sup>

One of the key roles of coordinating platforms is to facilitate synergies among the various players towards creating an environment for efficient and sustainable production and consumption of cooking energy. In that vein, the UNACC "engages with policy makers and stakeholders to promote policies that encourage the adoption and scaling up of clean cooking solutions". 11

<sup>&</sup>lt;sup>10</sup> Source: World Bank Group, 2015

<sup>11</sup> https://www.unaccug.org/

Admittedly, the objective is to create a policy environment for a cooking energy system based on a smart mix of polluting and clean cooking fuels (see Fig.2) as an essential part of the transition process towards a clean cooking energy system. "A Smart Energy System is defined as an approach in which [at least] smart electricity, thermal and gas grids are combined and coordinated to identify synergies between them in order to achieve an optimal solution for each individual sector as well as for the overall energy system." From a sustainable development perspective, "smartness" implies that such combination or integration of different energy sources must be well-balanced to ensure the "production and consumption of clean, low- carbon, safe and efficient energy", in line with UN Sustainable Development Goal 7 (SDG 7).

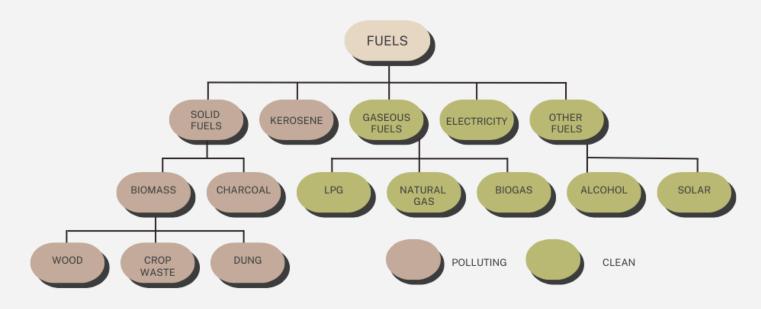


Figure 2: Classification of cooking fuels)<sup>15</sup>

<sup>&</sup>lt;sup>12</sup> D. Connolly et al., Smart Energy Systems Holistic and Integrated Energy Systems for the era of 100% Renewable Energy, Aalborg Universitet (2013).

<sup>&</sup>lt;sup>13</sup> African Energy Commission (AFEC), *Integrated Smart Energy*, 2022.

<sup>&</sup>lt;sup>14</sup> ESMAP (World Bank), *Unlocking Clean Cooking Pathways: A Practitioner's Keys to Progress*, (2023) p. xvii.

<sup>&</sup>lt;sup>15</sup>Source: O. Stoner at al. (2021) O. Stoner at al., Household cooking fuel estimates at global and country level for 1990 to 2030, Nature Communications 12, 5793 (2021), p.2.

Efforts have been made at different levels towards attaining this goal, but they remain very limited particularly in sub-Saharan African countries, including Uganda. According to the World Bank's Energy Sector Management Assistance Program (ESMAP), the "progress in global access [to clean cooking energy] has been uneven, particularly in Sub-Saharan Africa, where the access rate has not kept pace with population growth". For instance, in Uganda, "although the share of people with access to clean cooking fuels has rapidly increased since 2010, the rapid population growth has led to the actual number of people without access to effectively increase". With such statistics, Uganda is still considered to be among the top 20 countries in the world which face "severe cooking poverty issues" due to deficit in terms of access to cleaning cooking energy. To face this challenge, the government projects to "provide universal access to electricity and cleaner cooking by 2030", as per the Uganda Energy Transition Plan (EPT, 2023).

#### 2.1.2. State of clean cooking fuels, technologies and practices in Uganda

Cooking technologies and practices in Uganda are dictated by the country's paradoxical situation of "energy poverty" and "energy insecurity" despite the abundance of energy resources. Indeed, cooking technologies and practices are not as diversified as the country's sources of energy, and the Ugandan population (mainly households, schools and restaurants<sup>22)</sup> is still "heavily dependent on traditional, polluting biomass stoves and fuels", both in urban and rural areas. <sup>24</sup>

<sup>16 &</sup>quot;... in Sub-Saharan Africa, the annual rate of population growth, which averaged 26 million between 2010 and 2019, outpaced access gains of just 8 million per year. By 2020, its access deficit had reached 923 million people, the highest among all world regions." See ESMAP (World Bank), <u>Unlocking Clean Cooking Pathways: A Practitioner's Keys to Progress</u>, (2023) p. xvii.

<sup>&</sup>lt;sup>17</sup> International Energy Agency (IEA), <u>Uganda 2023 Energy Policy Review</u>, (2023)

<sup>&</sup>lt;sup>18</sup> ESMAP (World Bank), *Unlocking Clean Cooking Pathways: A Practitioner's Keys to Progress*, (2023) p. 16.

<sup>&</sup>lt;sup>19</sup> R. Twinomuhangi et al., <u>The Energy and Climate Change Nexus in Uganda: Policy Challenges and Opportunities for Climate Compatible Development</u>, in S.A. Harris, The Nature, Causes, Effects and Mitigation of Climate Change on the Environment, 2021.

<sup>&</sup>lt;sup>20</sup> P.I. Mukwaya, *Urban Adaptation to Energy Insecurity in Uganda*, Current Urban Studies, 2016, 4, 69-84.

<sup>&</sup>lt;sup>21</sup> "Uganda has one of Sub-Saharan Africa's largest hydroelectric potential estimated to be well over 4,500 MW with a big portion of this potential lying along the Nile River, which increases dependency on the Nile. Renewable energy resource potential, estimated to be well over 7,500 MW, includes hydro, geothermal (450 MW), biomass cogeneration (1,650 MW), wind and peat (300 MW), as well as 460 million tons of biomass standing stock with a sustainable annual yield of 50 million tons, and an average of 5.1 kWh/m2 of solar energy." R. Twinomuhangi et al., <u>The Energy and Climate Change Nexus in Uganda: Policy Challenges and Opportunities for Climate Compatible Development</u>, in S.A. Harris, The Nature, Causes, Effects and Mitigation of Climate Change on the Environment, 2021.

<sup>&</sup>lt;sup>22</sup> I. Namugenyi et al., <u>Do Biomass Technology Innovations Improve Subjective Well-Being? Traditional versus Improved Cookstoves in Uganda</u>, Sustainability 2023, 15, 3487.

<sup>&</sup>lt;sup>23</sup> ESMAP (World Bank), *Unlocking Clean Cooking Pathways: A Practitioner's Keys to Progress*, (2023) p. 16.

<sup>&</sup>lt;sup>24</sup> P.K. Kajumba *et al.*, <u>Assessment of the energy needs for cooking local food in Uganda: A strategy for sizing thermal energy storage with cooker system</u>, Energy for Sustainable Development, Vol. 67, April 2022, Pages 67-80.

In 2023, the International Energy Agency (IEA) and Uganda's Ministry of Energy and Mineral Development presented the situation in terms of access to cooking fuels and related technologies and practices in Uganda, as follows:

"Around 95% of the population primarily cook with solid biomass such as wood, charcoal or other vegetal and animal residues, with only one in ten of those using improved biomass cookstoves, while the remainder still relies on traditional, harmful and inefficient stoves (e.g. three-stone cooking fires). Just over 5% of the population uses modern clean fuels such as LPG [Liquefied Petroleum Gas], electricity – mostly concentrated in the urban areas of Kampala and the Central Region – or biogas from biodigesters for cooking." <sup>25</sup>

However, it is important to note that this situation reflects some progress made over the past 20 years, "indicating a much greater need to transition the population to clean cooking technologies", according to the United Nations Program for Development (<u>UNDP</u>). The UNDP further notes an important increase in access to electricity "from around 5% in 2000 to 58% in 2024; [...] over the same period, access to clean cooking has also risen from less than 1% to around 15%". Despite such improvements, the divide between urban and rural areas remains serious, in terms of access to electricity: "7 out of 10 urban households (HH) against 3 out of 10 rural households". Accordingly, the use of electric cooking technologies is very low in rural areas. 28

Table 1: Overview of population access to cooking fuels, technologies and practices in Uganda

| Cooking fuels                      | Solid biomass (wood, charcoal or other                                       | Clean fuels (LPG, Biogas, Electricity, Etc.) |                            |
|------------------------------------|--|--|----------------------------|
| Cooking technologies and practices | Traditional, harmful and inefficient stoves (e.g. three-stone cooking fires) | Improved biomass<br>cookstoves               | Electric or Gas cookstoves |
| Population access                  | 85.5%  | 9.5%   | 5%                         |

Source: Table based on data in the <u>EPT</u> (2023)

<sup>26</sup> UNDP, *Uganda Fostering Affordable and Clean Cooking Technology*, January 2025.

<sup>&</sup>lt;sup>25</sup> Uganda Energy Transition Plan (EPT, 2023).

<sup>&</sup>lt;sup>27</sup> MECS & CREEC, <u>Uganda eCookbook. Learn how to save time and money by electrifying your kitchen</u>, 2024, 38.

<sup>&</sup>lt;sup>28</sup> H.K. Nsamba et al., Evaluation of the Cooking Cultures and Practices in Rural Uganda. Journal of Sustainable Bioenergy Systems, 11, 33-44.

#### 2.1.3. Understanding the choice of cooking fuels, technologies and practices in Uganda

Moving forward with this review, it is important to understand the reasons behind the choice of one cooking fuel, technology or practice over another, in the Ugandan context. Before delving into the exploration of the abundant existing literature on that matter, we will first tease out the dimensions of the cooking system.

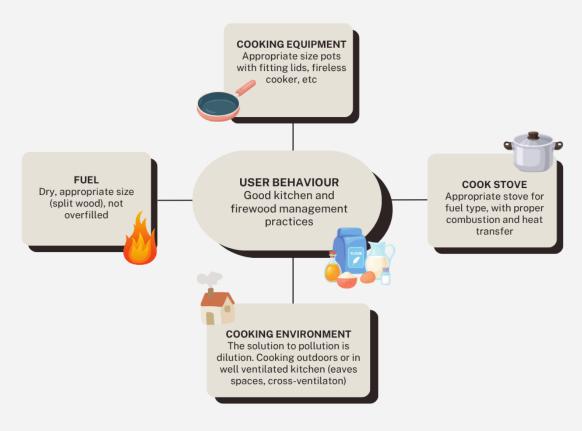


Figure 3: Dimensions of the cooking system<sup>29</sup>

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<sup>&</sup>lt;sup>29</sup> Source: C. Roth (2014)

According to C. Roth, "cooking is a multi-dimensional system"<sup>30</sup> comprising at least four different dimensions: cooking Fuel, cooking Technology (stove), cooking Equipment, and cooking Environment, which are interconnected based on user Behavior (FTEEB).<sup>31</sup> In practice, the act of cooking is the culmination of choices under the logic of what is referred to here as the FTEEB Framework.

Based on some behavior(s) generally related to different factors including culture<sup>32</sup>, a user (i.e. a household, restaurant, hotel, school, hospital, etc.) not only chooses the food or meal to cook or prepare, but also determines how (fuel, technology, equipment) and where (environment) to cook it. In making this series of decisions, users are driven generally by their "subjective well-being", which "may concern intra-personal subjective well-being related to health beliefs, knowledge, attitudes or values, and inter- personal well-being among individuals and in societies."<sup>33</sup>

The subjective well-being of a household can dictate their cooking behavior based on at least three considerations: social, cultural and functional. Illustrating these considerations or domains, in a study on the "dark side of improved cookstoves (ICS) in Uganda", Namugenyi et al. explain as follows:

"The social domain relates to family size and meal occasions, which concerns cooking for large family gatherings and important occasions, for which an ICS may not serve this purpose. The cultural domain concerns the local norms, customs, traditions and views on aesthetics and well-being that are likely to be affected when using ICS technologies. The functional domain concerns the ability to provide space, heat, and ambient light. For instance, improved cookstoves have no burning flames that could enable households to sit around the fire, especially at night. ... [Yet] elders often pass on discipline, tell stories, and talk to their children about life at cooking time, as the flames of the fire provide warmth and light."<sup>34</sup>

While subjective well-being is a key determining factor in the choice of cooking fuels, technologies and practices, it cannot be considered in isolation from various other factors. These include a four-fold analysis that generally guides consumers' decisions

<sup>&</sup>lt;sup>30</sup> Christa Roth, <u>Micro-gasification: cooking with gas from dry biomass</u>, (GIZ, 2014)

<sup>&</sup>lt;sup>31</sup> Energypedia, *The Cooking Energy System* (last accessed 15 February 2025)

<sup>&</sup>lt;sup>32</sup> K.W. Kariiti, <u>Clean eco-friendly cooking energy as sustainable approach and mitigation to climate change: A case study of Ankole, Western Uganda</u>, Net Journal of Social Sciences Vol. 11(2), pp. 49-60, April 2023.

<sup>&</sup>lt;sup>33</sup> I. Namugenyi et al., <u>Do Biomass Technology Innovations Improve Subjective Well-Being? Traditional versus Improved Cookstoves in Uganda</u>, Sustainability 2023, 15, 3487, p.2.

<sup>&</sup>lt;sup>34</sup> I. Namugenyi et al., Do Biomass Technology Innovations Improve Subjective Well-Being? Traditional versus Improved Cookstoves in Uganda, Sustainability 2023, 15, 3487, p.2.

in the cooking ecosystem: Cost, Convenience, Safety and Health (CCSH).<sup>35</sup> Typically, a household would assess whether a particular cooking fuel and related cooking technology and cooking equipment, is (1) affordable and would allow them to cook (2) any food of their choice, the way they want and in an environment of their choice, without putting their personal (3) safety and (4) health at risk.<sup>36</sup>

However, the two first factors bear much more weight in the assessment, as emphasized by the World Bank's ESMAP: "while marketing efforts have focused on abstract benefits related to health and the environment, the factors that actually inspire sustainable shifts in household behaviors are related to cost savings and ease of use [convenience]."<sup>37</sup>

Accordingly, it is important that efforts within the cooking energy ecosystem be driven by the reality on the ground, ensuring that the cost of cooking fuel and related technologies aligns with the need of convenience, including in terms of cultural practices.

Remarkable work is currently being done in that sense, although still focused on raising awareness about the cost and technical (not necessarily cultural) convenience of clean cooking energy.

Modern Energy Cooking Services (MECS) and CREEC, for instance, recently published the "Uganda eCookbook" intended to help households learn how to save time and money by electrifying their kitchens. This cookbook does a comparative assessment of four different types of cooking fuels and related technologies (Firewood, Charcoal, LPG and Biogas, and Electricity), highlighting how households can make big cost saving with an Electric Pressure Cooker (EPC), presented as convenient appliance which "enables multi-tasking and reduces cooking time". 38

In the same vein, the UNDP recently disseminated some progress in an article (<u>Uganda Fostering Affordable and Clean Cooking Technology</u>), where it drew attention to the fact that: "While many Ugandans believe clean cooking technologies are too expensive, recent studies have served to debunk this myth"<sup>39</sup>. The table below, drawn from these studies, illustrates a comparison of cooking times and costs across different technologies for common Ugandan dishes:

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<sup>35</sup> MECS & CREEC, <u>Uganda eCookbook. Learn how to save time and money by electrifying your kitchen</u>, 2024, 38 et seq.

 <sup>&</sup>lt;sup>36</sup> Energypedia, <u>Cooking Energy System (CES) Evaluation</u> (last accessed 15 February 2025)
 <sup>37</sup> ESMAP & World Bank, <u>Uganda Clean Cooking Behavioral Diagnostic</u>, (2019), p.7.

<sup>&</sup>lt;sup>38</sup> MECS & CREEC, <u>Uganda eCookbook. Learn how to save time and money by electrifying your kitchen,</u> 2024, p.40.

<sup>&</sup>lt;sup>39</sup> UNDP, *Uganda Fostering Affordable and Clean Cooking Technology*, January 2025.

Table 2: Cost and convenience of improved and electric cooking technologies<sup>40</sup>

| Food Cooked                                      | Electric Pressure Cooker |            | Hotplate       |            | Charcoal       |            | Liquefied Petroleum Gas |            |
|--|--------------------------|------------|----------------|------------|----------------|------------|-------------------------|------------|
| Food Cooked                                      | Cook Time                | Cost (UGX) | Cook Time      | Cost (UGX) | Cook Time      | Cost (UGX) | Cook Time               | Cost (UGX) |
| Meat Stew  | 45mins                   | 530        | 1hr<br>50mins  | 1,230      | 1hr<br>30mins  | 630        | 60mins                  | 1,520      |
| Bean Stew<br>(1kg dry beans<br>soaked overnight) | 1hr<br>10mins            | 475        | 2hrs<br>25mins | 1,640      | 2hrs<br>25mins | 930        | 2hrs                    | 3,420      |
| Matooke (1.5 Kg)                                 | 55mins                   | 320        | 1hr<br>25mins  | 1,000      | 1hr<br>35mins  | 720        | 1hr<br>25mins           | 1,900      |

Considering the above paragraphs, which highlight key aspects of the existing knowledge about the cooking energy ecosystem in Uganda, it is evident that the country has made remarkable efforts and progress in terms of increasing access to clean cooking energy, including electricity. However, such efforts remain limited, considering the rapidly growing population, and the need for households (particularly in rural areas) to preserve their cultural heritages. While it is true that Uganda is no exception to the fact that "many communities across the globe still practice poor cooking cultures as part of their well-being to prepare food and other heating activities" it is also undisputed that for most – if not all – communities in Uganda, "traditional cooking practices are intangible cultural cooking heritages that households have practiced and preserved for a long time" Consequently, households in Uganda (particularly in rural areas) are less likely to change from cooking technologies and practices associated with their societal values, simply in the name of modern or improved cooking technologies or preservation of public health and environmental protection. The abovementioned players (policymakers, innovators, civil society, etc.) of the

<sup>&</sup>lt;sup>40</sup> Source: MECS: Ugandan eCookbook (2024)

<sup>&</sup>lt;sup>41</sup> H.K. Nsamba et al., Evaluation of the Cooking Cultures and Practices in Rural Uganda. Journal of Sustainable Bioenergy Systems, 11, 33-44.

<sup>&</sup>lt;sup>42</sup> I. Namugenyi et al., <u>Do Biomass Technology Innovations Improve Subjective Well-Being? Traditional versus Improved Cookstoves in Uganda</u>, Sustainability 2023, 15, 3487, p.2.

<sup>&</sup>lt;sup>43</sup> ESMAP & World Bank, *Uganda Clean Cooking Behavioral Diagnostic*, (2019).

cooking energy ecosystem pay much more attention to cultural dynamics, as a key component of the "convenience" factor under the fourfold CCSH Framework for assessment of a cooking energy system described hereinabove. This should indeed be an integral part of knowledge production, management and dissemination efforts within the ecosystem.

#### 2.2. Objective of the Ecosystem Atlas

The Clean Cooking Ecosystem Atlas aims to serve as a comprehensive mapping tool that identifies stakeholders, projects, policies, and trends in Uganda's clean cooking sector. This resource is designed to help policymakers, private sector actors, and development partners better understand the landscape and identify opportunities for collaboration and investment. The tool is part of a Knowledge Management System that includes a web-based Knowledge Management Platform and a clean cooking mobile application.



Photo Source: website EnDev Uganda

## III. Enabling Environment

The enabling environment for clean cooking in Uganda comprises the policies, institutional frameworks, regulations, standards, and partnerships that together create conditions for scaling up access to modern and sustainable cooking solutions. This section outlines the national policy landscape, regulatory and quality assurance mechanisms, strategic programs, and the ecosystem of partners supporting clean cooking initiatives. It also highlights past and ongoing interventions that illustrate Uganda's progress toward universal clean cooking access.



Photo source: Hivos website

#### 3.1. Policies and regulations relevant to clean cooking

Uganda has made significant progress in developing policies and regulatory instruments that guide the transition from traditional biomass-based cooking to modern and clean energy solutions. The government has integrated clean cooking into broader national frameworks on energy, climate change, and sustainable development. This subsection summarizes key policy documents and legal frameworks that shape the sector, their objectives, implementation gaps, and strategic priorities.

Table 3: Enabling Policies and Regulations relevant to clean cooking

| Policy/Plan                                      | Focus Areas   | Challenges Identified   | Strategic Interventions  | Targets/KPIs  |
|--|---|---|--|---|
| Biofuels Act (2020) <sup>44</sup>                | To regulate the production, storage and transportation of biofuels and the blending of biofuels with petroleum products | Lack of regulatory<br>framework for biofuels<br>Environmental and health<br>concerns                                      | Regulate biofuels production,<br>storage, transport<br>Promote blending<br>Ensure compliance   | 20% biofuel blending target<br>Promote sustainable production                       |
| Energy Policy for Uganda<br>(2023) <sup>45</sup> | Renewable Energy<br>Clean Cooking<br>Power<br>Efficiency<br>Nuclear   | 90%+ reliance on biomass<br>Low adoption of clean<br>options<br>Deforestation<br>Indoor air pollution &<br>health hazards | Incentivize private sector Awareness campaigns Capacity building Subsidies for low-income households Promote clean cooking in institutions | Clean cooking access from 15% to 50% by 2040 Biofuel blending from 0% to 5% by 2040 |
| Energy Transition Plan (2023) <sup>46</sup>      | Universal energy access<br>Clean cooking  | Low electricity and clean<br>cooking access<br>High biomass reliance<br>Low per capita modern<br>energy use               | Deploy improved cookstoves<br>Promote LPG and electric<br>cooking<br>Position Uganda as energy<br>hub                                      | Universal clean cooking by 2030<br>35% LPG use<br>15% electricity use for cooking   |

<sup>Biofuel Act of 2020
Energy Policy for Uganda 2023
Energy Transition Plan of 2023</sup> 

| Policy/Plan   | Focus Areas                                    | Challenges Identified  | Strategic Interventions   | Targets/KPIs   |
|---|--|--|---|--|
| National Development Plan III (2020–2025) <sup>47</sup>   | Clean energy access, including clean cooking   | Dominance of biomass<br>Low access to clean fuels<br>Poor health and<br>environmental outcomes                   | Invest in infrastructure Legal frameworks for innovation Public-private partnerships Public awareness campaigns Local manufacturing support                     | Reduce biomass share<br>Increase clean tech adoption<br>Improve health & reduce<br>deforestation |
| National Development Plan<br>IV (2025–2029) <sup>48</sup> | Clean energy access<br>Economic transformation | Inadequate infrastructure High upfront costs Limited tech availability Cultural preferences Inadequate awareness | Develop infrastructure<br>Subsidize clean cooking<br>Public sensitization<br>programs   | Increase clean cooking access<br>Reduce reliance on biomass                                      |
| National Electrification<br>Strategy (2022) <sup>49</sup> | Universal energy access<br>Off-grid solutions  | Low clean cooking access Health issues from traditional cooking Gender disparities in access                     | Promote off-grid solutions<br>Encourage private sector<br>Quality assurance and<br>certification  | Increase clean cooking access<br>Improve health outcomes<br>Empower women                        |
| <u>Uganda Vision 2040</u> <sup>50</sup>                   | Long-term economic and social transformation   | High biomass reliance<br>Deforestation<br>Health issues from indoor<br>air pollution                             | Expand access to LPG, electricity, ethanol, biogas Promote efficient cookstoves Build supply chains & infrastructure Private investment Subsidies and financing | Shift households to clean energy<br>Reduce biomass in energy mix                                 |

National Development Plan III (2020–2025)
 National Development Plan IV 2025 - 2029
 National Electrification Strategy (2022)
 Uganda Vision 2040

| Policy/Plan  | Focus Areas   | Challenges Identified   | Strategic Interventions  | Targets/KPIs   |
|--|---|---|--|--|
| Uganda's National Determined Contribution (2022) <sup>51</sup>   | Emissions reduction<br>Climate adaptation   | Biomass as GHG<br>contributor<br>Low LPG and clean<br>cookstove penetration   | Disseminate improved cookstoves Support LPG uptake Emission reduction via efficient cooking  | Clean cooking share from 15% to 50% by 2025 Biomass use reduced from 88% to 50% by 2025 LPG from 1% to 8% 2.5 million cookstoves by 2030 GHG reduction ~2.2 MtCO₂e/year 30% reduction in firewood/charcoal in target areas |
| National Urban Policy of 2017 <sup>52</sup>                      | Providing high quality of life through a systematic and planned urbanization process                                      | inadequate urban infrastructure and services, land-use disorder and uncontrolled urban sprawl, increasing environmental deterioration                   | Promote clean, healthy & safe urban environment  |  |
| Gender Equality Strategy<br>2022-2025 <sup>53</sup>              | Nature, Climate, Energy<br>and Resilience<br>Programme  | inadequate resources,<br>limited knowledge in<br>gender and insufficient<br>gender-disaggregated<br>data  | Promote gender-equitable participation, expand sustainable energy and finance for women, youth, and small businesses, and improve access to climate and disaster information for resilience and timely action. | Restoration of degraded forests and wetland ecosystems, promoting access to affordable and renewable energy options in underserved rural and urban areas   |
| The National Environment<br>Act 2019/2020 revision <sup>54</sup> | Air quality, sustainable<br>biomass, climate<br>integration, safe fuels,<br>waste handling, and<br>compliance enforcement | weak enforcement, poor coordination, emerging risks (climate, plastics, petroleum), environmental degradation, and insufficient community participation | integrate climate and emerging threats into planning, expand regulatory tools, promote citizen participation, and ensure sustainable management of natural resources.  | climate mainstreaming, pollution reduction, sustainable resource management, plastic/hazardous waste control, wider use of EIAs/SEAs, biodiversity protection  |

<sup>51</sup> Uganda's Nationally Determined Contribution (NDC)
52 https://mlhud.go.ug/wp-content/uploads/2019/07/National-Urban-Policy-2017-printed-copy.pdf
53 https://www.undp.org/sites/g/files/zskgke326/files/2023-02/UNDP%20UGANDA%20Gender%20Equality%20Strategy%202022-2025.pdf
54 https://cmis.parliament.go.ug/cmis/views/3fe43a65-a023-428c-a43a-65a023228c30%253B1.0

#### 3.2. Standards, quality assurance mechanisms, and compliance

Standards and quality assurance are critical to ensuring that clean cooking technologies and fuels are safe, efficient, and environmentally sound.

The <u>Uganda National Bureau of Standards</u> (UNBS) plays a pivotal role in the development, implementation, and enforcement of standards related to cookstoves in Uganda. UNBS's commitment to establishing and enforcing cookstove standards is integral to promoting clean cooking solutions in Uganda, ensuring public health, environmental protection, and sustainable development. Below is a comprehensive overview of UNBS's involvement in cookstove and fuels standards and testing:

Table 4: Standards for cookstoves and fuels

| Standard               | Title   | Scope  | Key Requirements  | Performance<br>Metrics   | Notes   |
|------------------------|---|--|---|--|---|
| US 761:2019            | Household Biomass<br>Stoves Requirements  | Household cookstoves using solid biomass fuels (natural or densified)                    | Material and<br>construction quality,<br>safety features,<br>durability       | Thermal efficiency,<br>PM2.5 and CO<br>emissions, durability             | Published on March 26th, 2019,<br>this standard supersedes US<br>761:2007; benchmark for testing<br>and manufacturing |
| US ISO<br>19867-1:2018 | Clean Cookstoves and Clean Cooking Solutions – Harmonized Laboratory Test Protocols – Part 1: Standard Test Sequence for Emissions and Performance, safety and durability | Cookstoves for domestic, small-scale enterprise, and institutional cooking/water heating | Lab testing<br>procedures, safety<br>assessments,<br>durability evaluations   | Thermal efficiency,<br>PM2.5 and CO<br>emissions, safety,<br>durability  | Adopted by UNBS, this standard was published on March 26th, 2019; excludes space heating stoves                       |
| US 765-1:2019          | Solid biofuels -<br>Specification - Part 1:<br>Lump charcoal  | Lump charcoal<br>derived from<br>woody and<br>biomass sources                            | Size, shape, moisture,<br>ash, volatile matter,<br>fixed carbon,<br>packaging | Moisture ≤10%,<br>Volatile matter ≤20%,<br>Ash ≤4%, Fixed<br>carbon ≥75% | Published on October 01st,<br>2019, this standard includes<br>sampling and testing guidelines                         |

| Standard           | Title   | Scope   | Key Requirements   | Performance<br>Metrics  | Notes   |
|--------------------|---|---|--|---|---|
| US 765-2:2019      | Solid biofuels -<br>Specification - Part 2:<br>Carbonized briquettes                        | Carbonized<br>briquettes made<br>from biomass   | Size, shape, density,<br>moisture, ash,<br>volatile matter, fixed<br>carbon, packaging       | Moisture ≤10%,<br>Volatile matter ≤27%,<br>Ash ≤8%, Fixed<br>carbon ≥70%                          | Published on October 01st,<br>2019, this standard includes<br>sampling and testing<br>guidelines  |
| US 1642:2016       | Domestic Biogas<br>Stoves – Specification   | Stoves intended<br>for use with<br>domestic biogas<br>systems   | Construction materials, operational efficiency, safety, and testing methods                  | Safety, thermal<br>efficiency, durability,<br>user-friendliness                                   | Published in Uganda Gazette<br>Vol. CVIII No. 57; effective from<br>Aug 2016  |
| US 1644-1:<br>2016 | Domestic biogas<br>plants - Design and<br>construction - Code of<br>practice                | Covers all aspects of biogas production, conveyance, biogas quality improvement, and biogas utilisation in domestic biogas plants | Design and construction principles, feedstock management, safety, durability, and efficiency | Gas yield and purity,<br>safety measures,<br>system efficiency<br>(capacity ≤ 12 m³)              | Published on June 28th, 2016.<br>This standard serves as a<br>national code of practice<br>guiding the design and building<br>of small-scale biogas systems |
| US 1685: 2017      | Standard Specification<br>for Denatured Ethanol<br>for use as Cooking<br>and Appliance Fuel | Covers denatured ethanol intended to be used as a cooking or appliance fuel, or both.   | Fuel quality, safety<br>specifications, and<br>combustion<br>efficiency                      | Conformity with ASTM E3050-16 (international standard), minimum ethanol content, impurity levels) | Published on June 20th, 2017  |

#### Testing and Certification Processes

UNBS recognizes laboratories that meet the ISO/IEC 17025:2017 accreditation, enabling them to conduct official testing of cookstoves<sup>55</sup>. There are two accredited laboratories in Uganda:

<sup>55</sup> https://cims.unbs.go.ug/api/website/sc-register.php?commercial

Table 5: Recognized testing laboratories in Uganda

| Institution  | Role/Recognition   | Main Activities/Services  | Key Areas Covered  |
|--|--|---|--|
| CIRCODU (Centre for<br>Integrated Research and<br>Community Development<br>Uganda Ltd) | Established Cookstoves and Fuel<br>Testing Laboratory in 2010;<br>Recognized by Clean Cooking<br>Alliance and UNBS | Durability Tests, Fuel Tests, Water<br>Boiling Tests, Safety Tests,<br>Controlled Cooking Tests,<br>Emissions Testing | Stove lifespan, Fuel characteristics, Efficiency, Safety, Fuel consumption, Emissions (CO <sub>2</sub> , CO, PM) |
| CREEC (Centre for Research in Energy and Energy Conservation)                          | Partner of Clean Cooking Alliance<br>(CCA); Recognized as Regional<br>Testing and Knowledge Centre<br>(RTKC)       | Stove Testing, Fuel Testing, Stove<br>Design Assessment &<br>Recommendations  | Globally accepted test<br>procedures, Bio-energy<br>technologies, R&D for East<br>Africa                         |

Additionally, in 2021 RUCODE and GIZ developed a comprehensive manual detailing the standardization and certification procedures for clean cookstoves in Uganda. <sup>56</sup> The manual covers:

- Manufacturing Standards: Guidelines on materials, design, and construction.
- Performance Criteria: Benchmarks for efficiency, emissions, and safety.
- Certification Process: Step-by-step procedures for manufacturers to obtain certification, including application requirements and associated fees.

#### 3.3. National programs and strategies

To operationalize policy commitments, Uganda has launched a number of national programs and strategies that promote the adoption and scaling of clean cooking technologies. These initiatives aim to strengthen market systems, provide financial incentives, and enhance awareness and capacity among users and producers. This subsection presents a summary of major national programs and strategies and their contributions toward achieving clean cooking access targets.

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<sup>&</sup>lt;sup>56</sup> https://www.scribd.com/document/582324689/Cookstove-standardization-and-certification-manual-for-Uganda

Table 6: National programs and strategies

| Program/Strategy   | Objective  | Key Interventions   | Target/Expected Outcomes  | Status  |
|--|--|---|---|---|
| National Biofuels Blending<br>Program <sup>[1]</sup>                     | Implementation of<br>Biofuels Act  | Need for blending guidelines  Ensuring food security and environmental protection   | Set blending ratios  Establish licensing  Monitor compliance  | Implement 20%<br>blending target<br>Ensure<br>sustainable and<br>safe practices |
| Energy Sector<br>Management Assistance<br>Program (ESMAP) <sup>[2]</sup> | Assist developing<br>and emerging-market<br>countries in<br>addressing their<br>energy challenges. | Results-based funding (Distribution Challenge Fund) market development consumer awareness Grid expansion off-grid solar Financial support for clean cooking firms Refugee-area electrification  | 72,535 improved cookstoves sold by 2020 36% fuel savings Reduced emissions Time savings for women 1.25 million new electricity connections Clean cooking access for institutions and households | Under<br>implementation   |
| Modern Energy Cooking<br>Services (MECS)[1                               | Promote electric<br>cooking to replace<br>traditional<br>biomass-based<br>methods                  | - Support supply chain to distribute 10,000 electric cooking appliances (EPCs, induction cookers) - Train 600 technicians - Develop national standards and labels with UNBS - Pilot e-cooking in 100 schools and health facilities - Establish Clean Cooking Unit in MEMD - Awareness campaigns | - Health improvements<br>- Environmental protection<br>- Economic savings<br>- Enhanced safety and<br>convenience   | Under<br>implementation   |

| Program/Strategy  | Objective  | Key Interventions   | Target/Expected Outcomes  | Status                  |
|---|--|---|---|-------------------------|
| National Integrated Clean<br>Cooking Strategy<br>(NICCS)[2] | Transition to clean,<br>sustainable cooking<br>by 2025   | - Policy consolidation - Develop MRV framework - GHG/black carbon emission reduction estimates - Strategic tax reforms: VAT waivers, reduced import duties - Distribute 1 million 13-kg LPG cylinders (2022–2027) - Pilot 1,000 EPCs - Build 47 biogas plants - Train SMEs and technicians - Awareness campaigns  | - Increase clean cooking energy<br>use from 15% to 50%<br>- Reduce biomass dependency<br>from 88% to 50%<br>- Increase LPG usage from 1%<br>to 8%   | Under implementation    |
| National Biomass Energy<br>Strategy, 2015                   | To promote the sustainable production and utilization of biomass energy while reducing deforestation, improving energy efficiency, and transitioning households toward cleaner cooking alternatives. | - Promoting sustainable forest and agroforestry management for biomass supply Dissemination of improved biomass cookstoves and charcoal kilns to enhance energy efficiency Developing regulations and standards for sustainable charcoal and firewood value chains Promoting alternative clean fuels (biogas, LPG, ethanol, and electricity) Promote awareness and marketing campaigns - Capacity building for local stove artisans and charcoal producers. | - Sustainable and efficient biomass energy value chain Reduced deforestation and forest degradation Increased adoption of efficient stoves (target >50% of HHs) Improved indoor air quality and public health Increased production and use of alternative fuels such as biogas, LPG, and electricity Strengthened biomass governance and monitoring systems | Under<br>implementation |
|   | Scale up LPG use to reduce biomass reliance  | - Distribute 1 million 13-kg LPG starter kits by<br>2027<br>- Build decentralized refilling plants<br>- Set up manufacturing facilities (Luzira, Luweero)<br>- Support existing LPG cylinder production plants<br>- Public-private partnerships for distribution  | - Widespread LPG adoption - Reduced transport and supply costs - Strengthened local production capacity   | Under<br>implementation |

## 3.4. Enabling partners

Table 7: List of enabling partners

| Organization:         | Biomass Energy Efficiency Technologies Association (BEETA)                      |
|-----------------------|---|
| Type of Organization: | Nonprofit Association / Industry Network  |
| Description:          | BEETA is a nonprofit making organization which works as the common voice of     |
|                       | the biomass sector in Uganda with the aim of developing a competitive and       |
|                       | sustainable biomass market. Founded in 2011, BEETA brings together private      |
|                       | sector players including Individuals, Companies, Academic/Research institutions |
|                       | and civil society organizations with an interest in Biomass Energy in Uganda.   |
| Address:              | Ministry of Energy and Mineral Development (MEMD), Amber House, Plot 29/33,     |
|                       | Kampala Rd.   |
| Website:              | https://unreeea.org/unreeea-members/about-beetaa/                               |
| Primary Contact:      | Virginia Ssemakula, Board Chairperson   |
| Phone                 | +256 758 37 3837  |
| Email                 | beeta.tec@gmail.com / vssemakula@hotmail.com                                    |

| Organization:         | Care International Uganda   |
|-----------------------|---|
| Type of Organization: | International NGO   |
| Description:          | CARE International has been working in Uganda since 1969 to address the urgent needs of conflict and disaster-affected populations and to provide support to community development. The organization seeks a world of hope, tolerance and social justice, where poverty has been overcome and people live in dignity and security. CARE will be a global force and a partner of choice within a worldwide movement dedicated to ending poverty. |
| Address:              | 5th Floor, Union House Plot 78, Luthuli Avenue Kampala. P.O.Box 7280 Kampala, Uganda  |
| Website:              | https://www.careuganda.org  |
| Primary Contact:      | AB. Gabazira  |
| Phone                 | 256 31 2258100  |
| Email                 | Uganda@care.org   |

| Organization:         | Dan Church Aid Uganda  |
|-----------------------|--|
| Type of Organization: | International NGO / Development Partner                                    |
|                       | Implements "Seeds of Change" project in refugee-hosting areas distributing |
| Description:          | Lorena-efficient cookstoves and promoting briquettes and heat-retaining    |
|                       | baskets—reducing fuel use and deforestation in West Nile region            |
| Address:              | Kampala (offices in Yumbe, Arua, etc.)                                     |
| Website:              | https://www.danchurchaid.org/what-we-do/where-we-work/uganda               |
| Primary Contact:      | Anders Bastholm Hansen – Country Director                                  |
| Phone                 |  |
| Email                 | mail@dca.dk / info-uganda@dca.dk   |

| Organization:         | UN FAO   |
|-----------------------|--|
| Type of Organization: | UN Agency / Intergovernmental Organization   |
| Description:          | FAO supports modern bioenergy solutions—including bioethanol, biogas, LPG, electric pressure cookers and efficient biomass stoves—to reduce forest degradation and indoor pollution. They lead policy workshops and joint clean cooking awareness events. FAO also funds and implements clean-cooking consumer exhibitions, capacity-building, and stove supply campaigns via UNACC. |
| Address               | Plot 88 Buganda Rd, Wandegeya, Kampala   |
| Website               | https://www.fao.org/uganda/  |
| Primary Contact       | Dr. Charles Owach – Assistant FAO Representative (Clean Energy & Bioenergy Lead)   |
| Phone                 | +256 414 340 324 / +256 414 349 916 / +256 414 340 327   |
| Email                 | FAO-UG@fao.org   |

| Organization:         | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)  |
|-----------------------|--|
| Type of Organization: | Bilateral Development Agency (Germany) / Development Partner   |
| Description:          | In Uganda, GIZ collaborates with other partners to address key challenges and promote development across three main implementation areas: Rural development, energy and climate and good governance. To improve energy supplies and reduce greenhouse gas emissions, projects are working to increase access to renewable energy and boost energy efficiency, promote climate adaptation and mitigation strategies. This means expanding green energy in rural areas to provide affordable and clean energy solutions. |
| Address:              | Plot 23 Nakasero Rd, Kampala   |
| Website:              | https://www.giz.de/en/worldwide/310.html   |
|                       | https://endev.info/countries/uganda/   |
| Primary Contact:      | James Macbeth Forbes, Country Director   |
| Phone                 | +256 414 303 901   |
| Email                 | secretariat.giz-uganda@giz.de, endev@giz.de  |

| Organization:         | ENERGIA   |
|-----------------------|---|
| Type of Organization: | International Network / Gender and Energy Advocacy Group  |
| Description           | ENERGIA is an international network of organizations and professionals, active in Africa and Asia. They support women's economic empowerment and inclusive energy access, champion women as pivotal change agents in the transition to sustainable energy, foster their leadership and agency, and push for gender inclusion across international frameworks such as the Sustainable Development Goals. |
| Address               | Plot 36 Luthuli Rise, Bugolobi, P.O Box 8339 Kampala, Uganda.   |
| Website               | https://www.energia.org/  |
| Primary Contact       |   |
| Phone                 |   |
| Email                 | energia@hivos.org   |

| Organization:         | Global Green Growth Institute - Uganda  |
|-----------------------|---|
| Type of Organization: | Intergovernmental Organization / Development Partner  |
| Description:          | The Global Green Growth Institute (GGGI) is a treaty-based international, inter-governmental organization dedicated to supporting and promoting strong, inclusive and sustainable economic growth in developing countries and emerging economies. The institute is a partner in the UKAid-funded "Clean Cooking Scale & Support Programme", alongside MECS, ICLEI Africa & MEMD to roll out electric institutional cooking in 100 Ugandan schools; addresses e-cooking adoption barriers. |
| Address:              | Ministry of Water & Environment, Plot of 3-7 Kabalega Crescent Close, Luzira. P.O. Box 20026 Kampala, Uganda  |
| Website:              | https://gggi.org  |
| Primary Contact       | Pablo Martinez, Country Representative  |
| Phone                 |   |
| Email                 | Info_HQ@gggi.org  |

| Organization:         | Hivos  |
|-----------------------|--|
| Type of Organization: | International development / cooperation NGO  |
| Description:          | Hivos builds strong movements of civil society organizations and activists from a wide range of affected communities who are willing to unite behind a common, human rights-based climate agenda. Their Climate Justice programming has three focus areas: Retelling the climate story, fair distribution and local solutions, and building political power and influence. |
| Address:              | Plot 21, Bazarabusa Drive, Bugolobi, Kampala, Uganda   |
| Website:              | https://hivos.org/project-country/uganda/  |
| Primary Contact:      |  |
| Phone                 | +256 773 73 0369 / +256 783 06 0384  |
| Email                 | eastafricainfo@hivos.org   |

| Organization:         | International Organization for Migration (IOM Uganda)   |
|-----------------------|---|
| Type of Organization: | UN Agency / Humanitarian Organization   |
| Description:          | IOM established its operations in Uganda in 1988. Across the country IOM provides a comprehensive response to the humanitarian needs of migrants, internally displaced persons, returnees and host communities through humanitarian direct assistance, recreational activities, and a variety of other efforts. |
| Address:              | Plot 6A Bukoto Crescent Naguru, P.O.Box 11431 Kampala Uganda  |
| Website:              | https://uganda.iom.int/   |
| Primary Contact:      | Robert Akankwasa  |
| Phone                 | +256 77 07 72755  |
| Email                 | rakankwasa@iom.int  |

| Organization:         | Mercy Corps Uganda   |
|-----------------------|--|
| Type of Organization: | International NGO  |
| Description:          | Mercy Corps has worked in Uganda since 2006 to help millions of Ugandans and refugees build a path to self-reliance. Through partnerships with local governments and organizations, Mercy Corps supports communities as they build economically secure and climate-resilient futures. Their programs make an impact across several areas, including climate, environment and energy. |
| Address:              | Plot 1085 Tank Hill Bypass, Kiwafu, Muyenga, Kampala, Uganda   |
| Website:              | https://www.mercycorps.org/where-we-work/uganda  |
| Primary Contact:      | Purity Kendi   |
| Phone                 | +256 41 450 1014   |
| Email                 | pgituma@mercycorps.org   |

| Organization:         | OXFAM   |
|-----------------------|---|
| Type of Organization: | International NGO   |
| Description:          | Oxfam in Uganda started work in the 1960s delivering development and humanitarian support as part of the Oxfam confederation, a global movement of people fighting to end inequality and injustice. Oxfam in Uganda is bringing together the joint skillsets of its staff and partners (humanitarian, long-term development, and advocacy) in order to achieve change at the national level. They do this by building networks, platforms and coalitions with like-minded civil society actors who campaign with them and lobby duty-bearers to bring about change. Oxfam in Uganda also supports and engages in Oxfam's global campaigns, guaranteeing that Uganda is present on the world's most pressing issues. |
| Address:              | Plot No. 3459, Tank Hill Road, Muyenga. P.O. Box 6228, Kampala, Uganda  |
| Website:              | https://uganda.oxfam.org  |
| Primary Contact:      |   |
| Phone                 | +256 31 2265 384 / +256 031 2265 384  |
| Email                 | kampalaoffice@oxfam.org   |

| Organization:         | Private Sector Foundation Uganda (PSFU)   |
|-----------------------|---|
| Type of Organization: | Non-profit / Private Sector Apex Body / Business Association  |
| Description:          | PSFU is Uganda's apex body for the private sector. It is made up of over 300 business associations, corporate bodies and major public sector agencies. Founded in 1995, PSFU serves as a focal point for private sector advocacy as well as capacity building and sustains a positive policy dialogue with Government on behalf of the private sector. PSFU aims to strengthen Private Sector capacity for effective policy advocacy and market competitiveness nationally, regionally and internationally. |
| Address:              | 43 Nakasero Road, Kampala   |
| Website:              | https://www.psfuganda.org/  |
| Primary Contact:      |   |
| Phone                 | +256 31 2263 850  |
| Email                 | psfu@psfuganda.org.ug   |

| Organization:         | SNV   |
|-----------------------|---|
| Type of Organization: | International NGO / Development Partner   |
| Description:          | SNV implements donor-funded activities across more than 100 districts in Uganda. With a focus on the agri-food, energy, and water sectors, SNV leverages its expertise and technical assistance to drive sustainable development throughout Uganda, making a tangible difference in the lives of millions of people. SNV strives to improve access to essential services for disadvantaged individuals. Through close collaboration with leading public agencies and businesses in Uganda, SNV provides crucial technical assistance that fosters innovative and strategic solutions. |
| Address:              | Plot 36, Luthuli Rise Bugolobi, Kampala, PO Box 8339  |
| Website:              | https://www.snv.org/country/uganda  |
| Primary Contact:      |   |
| Phone                 | +256 414 563 200  |
| Email                 | uganda@snv.org  |

| Organization:         | Uganda National Alliance on Clean Cooking (UNACC)   |
|-----------------------|---|
| Type of Organization: | National Coalition  |
| Description:          | UNACC is a non-profit organization established in 2013 to address the pressing issue of clean cooking in Uganda. The organization brings together a diverse coalition of stakeholders, including private companies, associations, and individuals, to promote the adoption and utilization of clean cooking technologies and practices. UNACC is committed to enhancing synergy and coordination among stakeholders to ensure equitable universal access to clean cooking solutions in Uganda. They envision a future where every Ugandan household has access to affordable, efficient, and sustainable cooking options, improving health, environmental outcomes, and socioeconomic well-being. |
| Address:              | Ndundu Complex, Kisaasi -Kyanja Road, P.O. Box Nakawa, Kampala - Uganda   |
| Website:              | unaccug.org   |
| Primary Contact:      | Sarah Babirye   |
| Phone:                | +256 774 345 977  |
| Email:                | sarinbabirye@yahoo.com  |

| Organization:         | United Nations Development Programme (UNDP) Uganda   |
|-----------------------|--|
| Type of Organization: | UN Agency / Development Partner  |
| Description:          | UNDP leads clean cooking market-activation and energy access efforts in collaboration with FAO, UNACC, and the Government of Uganda. They organize awareness demonstrations (electric pressure cookers, improved biomass stoves), policy guidance for clean energy transitions, and capacity-building workshops across regions like Mbale, advancing access alongside climate and development goals. |
| Address               | Plot 11 Yusuf Lule Rd, Nakasero, Kampala   |
| Website               | https://www.undp.org/uganda  |
| Primary Contact       | Programme Manager, UNDP  |
| Phone                 | +256 417 112 100 / +256 417 112 301  |
| Email                 | registry.ug@undp.org   |

| Organization:         | United Nations High Commissioner for Refugees (UNHCR)   |
|-----------------------|---|
| Type of Organization: | UN Agency / Development Partner   |
| Description:          | UNHCR aims to help forcibly displaced people find shelter in existing communities, such as in cities, towns or villages. We work with local authorities to provide services and infrastructure to meet the increased demand in host areas. We also help build and repair shelters to expand the availability of housing and may also provide cash assistance so forcibly displaced people can rent or build shelters of their choosing. Whenever possible, UNHCR advocates to avoid the establishment of formal camps to accommodate forcibly displaced people. |
| Address:              | Plot 11/13, Mackenzie Close, Off Mackenzie Vale, Kololo, Kampala, Uganda  |
| Website:              | https://www.unhcr.org/where-we-work/countries/uganda  |
| Primary Contact:      |   |
| Phone:                | +41 22 739 7546   |
| Email                 | ugaka@unhcr.org   |

| Organization:         | Uganda National Renewable Energy and Energy Efficiency Alliance (UNREEEA)   |
|-----------------------|---|
| Type of Organization: | Nonprofit Alliance / Private Sector Umbrella Body   |
| Description:          | Apex non-profit alliance of private sector RE & EE associations in Uganda.  Advocates for clean cooking through market development, capacity building, policy engagement, quality assurance, and training rural communities to build efficient stoves—including Rocket/LOR stove models using local materials |
| Address:              | Plot 39a Lumumba Avenue, Nakasero, P.O. Box 409, Kampala, Uganda  |
| Website:              | <u>unreeea.org</u>  |
| Primary Contact:      | Ms. Claire Nabagesera – National Coordinator  |
|                       | Mr. Noah Asinge – Projects Officer  |
| Phone:                | 256-414-699-577   |
| Email                 | <u>claire.nabagesera@unreeea.org</u>  |

| Organization:         | Uganda Solar Energy Association (USEA)   |
|-----------------------|--|
| Type of Organization: | Industry Association / Nonprofit   |
| Description:          | USEA is an independent non-profit association dedicated to facilitating the growth and development of solar energy business in Uganda and the East Africa region. The organization was formed in 2016 by private sector companies that deal in solar energy business with help from private sector foundation, Ministry of Energy and Rural Electrification Agency and it is registered under section 10 of the Societies Act. |
| Address:              | Mateeka House, 57B Katalima Road Naguru  |
| Website:              | https://www.useaug.org/  |
| Primary Contact       |  |
| Phone                 | +256 200 923 345 / +256 740 20 0400  |
| Email                 | info@useaug.org, admin@useaug.org  |

| Organization:         | WWF Uganda   |
|-----------------------|--|
| Type of Organization: | International NGO / Environmental Organization   |
| LLIGCCRINTION         | WWF-Uganda is developing and promoting access to cost effective and environmentally friendly |
|                       | energy solutions for domestic, institutional and productive energy needs of the country.     |
| Address               | Plot 2 Sturrock Road, Kololo, Kampala P.O. Box 8758  |
| Website               | https://www.wwfuganda.org/ourwork/climate_and_energy/  |
| Phone                 | +256 414 540 064 / +256 414 540 065  |
| Primary Contact       | Mr. Job Mutyaba, Energy Manager  |
| Email                 | jmutyaba@wwfuganda.org; or kampala@wwfuganda.org   |

## 3.5. Overview of past and ongoing interventions

Table 8: Past and ongoing interventions

| Project            | Africa Biogas Partnership Programme (ABPP)  |
|--------------------|---|
| Value Chain        | Biogas  |
| Key Partners       | SNV, Hivos  |
| Geographical Scope | Uganda  |
| (Uganda)           | Oganda  |
| Dates              | Phase 1 (2009-2013)   |
| Dates              | ABPP-2 (2014-2019)  |
| Funding / Notes    | ABPP-2 (2014 - 2019), EUR 27 million (for all participant countries)  |
| Summary            | Developed sustainable biogas markets in 6 African countries. Phase 2 focused on household   |
| Surriiriary        | benefits and market development in Uganda and 4 others.   |
|                    | The Africa Biogas Partnership Programme (ABPP) supports biogas and biodigester market development in  |
|                    | six countries in Africa The ABPP programme has the following aim: achieving the Millennium Development  |
|                    | Goals by developing a commercially viable, market-oriented biogas sector that will support the use of   |
|                    | domestic biogas plants as a local, sustainable energy source. Phase 1 (2009-2013) supported the set-up of technical and institutional capacities for the promotion of biogas and the development of biodigester |
| Brief description  | markets in Ethiopia, Kenya, Tanzania, Uganda, Burkina Faso and Senegal. ABPP phase 2 (2014-2019)  |
|                    | considered five of these countries: Burkina Faso, Ethiopia, Kenya, Tanzania and Uganda. Phase 2 focused   |
|                    | on improving the living conditions of households through the multiple benefits of the construction of   |
|                    | domestic biogas digesters; and to lay the foundations for the emergence and development of a  |
|                    | market-oriented domestic biogas sector.   |

| Project Name                   | Biogas for Better Life Uganda   |
|--------------------------------|---|
| Value Chain                    | Biogas  |
| Key Partners                   | Biogas Solutions Uganda Ltd (BSUL), Hivos, SNV, FairClimateFund   |
| Geographical Scope<br>(Uganda) | Nationwide, rural households with livestock   |
| Dates                          | Started 2009 - ongoing  |
| Dates                          | Funded via Gold Standard carbon credits (FairClimateFund)   |
| Summary                        | Project under Gold Standard. Promotes domestic biogas systems to replace firewood, improve health, and reduce emissions.  |
| Brief Description              | A national program promoting household and institutional biogas systems to provide clean cooking and energy solutions. It focuses on converting animal and agricultural waste into biogas, reducing deforestation and indoor air pollution while producing organic fertilizer as a byproduct. |



Photo source: SNV - Newsletter Quarter One, 2024 Biodigester Component Project

| Project                        | Behavioral Change Communication for e-Cooking (BCCeC)   |
|--------------------------------|---|
| Value Chain                    | Electric cooking  |
| Key Partners                   | UK Aid, MECS, MEMD, NREP, UNACC   |
| Geographical Scope<br>(Uganda) | Uganda  |
| Dates                          | 2022 - ongoing  |
| Dates                          | Project Grant of 1,250,000 Pounds   |
| Summary                        | Develops and implements behavior change campaigns and capacity building to encourage  |
| Surfirlary                     | e-cooking adoption.   |
| Brief description              | The BCCeC project under the Electric Cooking Scale and Support Programme has three objectives: To identify key demographic groups relevant to the adoption of e-cooking technologies in Uganda; To develop tailored messaging and communication channels to effectively engage with segmented audience; To implement outreach and engagement activities targeting segmented demographics, driving behavior change and adoption of e- cooking technologies. The interventions will focus on: Establishment of a Clean Cooking Unit under MEMD; Awareness and Behavioural Change Communication; Capacity Building; Supply Chain System Strengthening; Development of National Standards and a Labelling Scheme; and Institutional Electric Cooking. |

| Project Name                   | Clean Cooking Programme Uganda (Community Carbon)   |
|--------------------------------|---|
| Value Chain                    | Sustainable Solid Biomass   |
| Key Partners                   | Community Carbon, local manufacturers, women's groups   |
| Geographical Scope<br>(Uganda) | Nationwide (charcoal-dependent households)  |
| Dates                          | Ongoing (carbon vintages through 2022)  |
| Dates                          | Financed via Gold Standard carbon credits; Climate Resilience Impact Fund   |
| Cummary                        | Project under Gold Standard. Provides efficient cookstoves to reduce charcoal use, improve health,  |
| Summary                        | and empower women.  |
| Brief Description              | Community Carbon (UpEnergy) launched in ~2022, with cookstove projects in Uganda. The project is designed to generate verified carbon credits under standards like Gold Standard (for Uganda's cookstove project) which helps finance the work. The project manages its processes end-to-end: from stove manufacturing and distribution, to monitoring and recording usage over the stove's lifetime. As part of its model, a portion of revenue from carbon credits is reinvested into a Climate Resilience Impact Fund which supports community development, especially empowering women and girls. |

| Project                        | Demand Side Results Based Financing (DSRBF)   |
|--------------------------------|---|
| Value Chain                    | Biomass cookstoves, Electric cooking, Ethanol   |
| Key Partners                   | EnDev, PSFU, DGIS, MEMD   |
| Geographical Scope<br>(Uganda) | Underserved refugee communities and their host communities in Northern Uganda, Kiryandongo and other additional locations such as Amuru, Maracha, Nebbi, Nwoya, Moyo, Pakwach, and Zombo districts  |
| Dates                          | 2024 – Ongoing<br>EUR 20 million in four countries (Liberia, Malawi, Niger, and Uganda)   |
| Summary                        | Launched in 2024, uses results-based incentives to reach 213,000 households with solar and clean cooking products.  |
| Brief description              | Launched in March 2024 in collaboration with PSFU and MEMD, this project aims to enhance affordable clean energy solutions for rural and underserved communities. The project targets to reach 185,000 households with Improved Cook Stoves (ICS), and 5,000 households with Higher Tier Clean Cooking Stoves (HTCCs) (2,000 for EPCS, 1,500 for Ethanol and 1,500 for modern ICS). |

| Project                        | Demand-Side Subsidies (DSS) Component   |
|--------------------------------|---|
| Value Chain                    | Biomass cookstoves, Electric cooking, Ethanol   |
| Key Partners                   | Government of Uganda, World Bank, GIZ, RVO, Funded by DGIS  |
| Geographical Scope<br>(Uganda) | Rural refugee and host communities  |
| Datas                          | 08/2022 - 09/2025   |
| Dates                          | EUR 4,900,000   |
| Summary                        | Provides product subsidies in refugee and poor regions to increase access to clean energy.  |
| Brief description              | The DSS focuses on benefiting refugees and host communities as well as other vulnerable rural areas. EnDev combines geographic and demographic targeting guided by gazetted refugee hosting districts and poverty status indicators to identify eligible areas. Subsidies provided in targeted regions lower consumer prices for a range of quality-certified products including solar lanterns, solar home systems (SHS), improved cookstoves (ICS), and higher-tier cooking (HTC) technologies. Through its demand-side subsidy schemes, EnDev Uganda will directly enable up to 400.000 people to have access to modern energy services and indirectly contribute to providing energy access for millions more through scale-up and replication. |

| Project                        | Electric Cooking Scale and Support Programme  |
|--------------------------------|---|
| Value Chain                    | Electric cooking  |
| Key Partners                   | ICLEI, ESMAP, GGGI, MECS, NREP, MEMD  |
| Geographical Scope<br>(Uganda) | Uganda  |
| Dates                          | 2024 - Ongoing  |
| Dates                          | 5 million pounds  |
| Summary                        | Distributes 10,000 e-cooking devices, trains 600 technicians, sets standards, and supports institutional e-cooking.   |
| Brief description              | The 18-month program aims to accelerate the adoption of electric cooking (E-Cooking) technologies. The main objectives are: Building up a sustainable supply chain of 10,000 high quality electric cooking appliances across the country; Training 600 technicians in repair and maintenance of electric cooking appliances; Developing a national 'Standards & Labelling' program; Piloting an institutional electric cooking programme in 100 schools across Uganda; and the establishment of the Clean Cooking Unit within MEMD. |

| Project                        | Electricity Access Scale-Up Project (EASP) - Project P166685   |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass, Electric cooking, Biogas, LPG, Bioethanol for Cooking   |
| Key Partners                   | MEMD, UECCC. Funded by the World Bank  |
| Geographical Scope<br>(Uganda) | Uganda   |
| Dates                          | 2024 - Ongoing   |
| Dates                          | \$20 million: \$10 million IDA, \$10 million CCF   |
| Summary                        | Expands energy access, including support for clean cooking enterprises and household stove financing.  |
| Brief description              | The EASP development objective is to increase access to energy for households, commercial enterprises, industrial parks, and public institutions. Part of the funding under this project will go towards provision of working capital for clean cooking technology companies, and provision of financing for clean cookstoves for institutions and households. |

| Project                        | ENACT Uganda Scale-Up (ENACTUS)   |
|--------------------------------|---|
| Value Chain                    | Sustainable Solid Biomass, Electric cooking, Bioethanol for cooking   |
| Key Partners                   | MEMD, NREP, GGGI, MECS, UKAID, Transforming Energy Access platform, ICLEI   |
| Geographical Scope<br>(Uganda) | GKMA informal settlements & broader urban Uganda  |
| Dates                          | 2024-2026   |
| Dates                          | Funded by UK Aid (part of £5 m Clean Cooking Programme);  |
| Summary                        | Works with local governments to improve clean cooking access in informal urban settlements through private sector models.   |
| Brief description              | Building on the successes of the Enabling African Cities for Transformative Energy Access (ENACT) Programme, the ENACT Uganda Scale-up project (ENACTUS) supports the creation of an enabling environment for the private sector to work with local governments in improving access to clean cooking for the urban poor living and working in informal settlements within the Greater Kampala Metropolitan Area and wider Uganda. The project is fostering public-private cooperation and, through catalytic funding to private energy service providers, enabling the testing and implementation of sustainable models for improved delivery of clean cooking services to households, microenterprises, and institutions living and operating in urban informal settlements. |

| Project                        | EnDev - COVID-19 Relief Fund for the Solar and Cookstove Sector  |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass  |
| Key Partners                   | EnDev, MEMD, BMZ, PSFU, NORAD, Ministry of Foreign Affairs of the Netherlands, UKAID, SDC  |
| Geographical Scope<br>(Uganda) | Uganda   |
|                                | Nov 2020 - March 2021  |
| Dates                          | The nearly 1 Million EUR Fund that ran for 7 months was managed by the Private Sector Foundation in Uganda (PSFU), an apex body for the private sector in Uganda. Companies were called upon to apply to the competitive grant through an open advertisement process in the two major newspapers in the country  |
| Summary                        | Provided emergency operational and customer support to clean energy businesses during COVID-19.  |
| Brief description              | The objective of the fund was to support the cooking energy and off-grid solar sector to survive the COVID-19 crisis and increase their resilience to external shocks. It offered targeted support packages to cooking energy and off-grid solar sector companies, to temporarily cover the costs of households to maintain their solar PAYGO systems, to temporarily cover the solar and ICS companies' operating costs to maintain their activity and to implement trainings, while also allowing for strategic investments that would increase the resilience and future growth potential of the companies. |

| Project                        | Energising Development (EnDev) Uganda  |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass, Electric cooking, Ethanol   |
| Key Partners                   | GIZ, BMZ, DGIS, MFA/NORAD, SDC   |
| Geographical Scope<br>(Uganda) | Uganda   |
| Dates                          | 2015-2026  |
| Dates                          | Multiple funding cycles  |
| Summary                        | EnDev Uganda facilitates access to modern energy services for households, social institutions, and small and medium enterprises through market development for solar PV, improved cook stoves (ICS), and higher tier cooking technologies, including fostering a conducive enabling environment.   |
| Brief description              | Through its market development pillar, EnDev Uganda bridges the access to finance gap for clean energy enterprises by implementing innovative challenge funds, result based financing mechanisms and local contribution interventions. The access to finance interventions promote private sector development and increase the access, distribution and adoption of clean energy technologies in Uganda. Furthermore, EnDev facilitates business development support for SMEs to build their capacity for sustainable sector growth. |

| Project                        | ESMAP - Uganda Clean Cooking Supply Chain Expansion Project   |
|--------------------------------|---|
| Value Chain                    | Sustainable Solid Biomass   |
| Key Partners                   | PSFU, MEMD. Funded by the World Bank  |
| Geographical Scope<br>(Uganda) | Uganda  |
| Dates                          | 2016 – 2020   |
| Dates                          | US\$2.2 million grant   |
| Summary                        | Reduced fuel use and emissions by promoting efficient cookstoves; 72,535 units sold by 2020.  |
| Brief description              | The Project Development Objective is to reduce both (i) the economic burden on households and (ii) the negative impacts on the environment, of the inefficient use of solid biomass fuels for cooking by fostering sales and adoption of cleaner and more efficient cooking technologies. The project takes a unique approach for increasing adoption rates by focusing on value chain integration and results-based commercial distribution through the Distribution Challenge Fund (DCF) competition. By program completion in 2020, 72,535 units had been sold. The average reduction in monthly household fuel consumption was 36 percent, with an equivalent increase in financial savings and reduction in carbon emissions. Women reported 30–90 minutes in daily freed up time for other household chores, caring for children, and rest. |

| Project            | Forest Management and Sustainable Charcoal Value Chain Project (FM&SCVC)                         |
|--------------------|--|
| Value Chain        | Sustainable Solid Biomass  |
| Key Partners       | EU, MWE, MEMD, FAO, District Local Governments   |
| Geographical Scope | 14 districts: Mubende, Kassanda, Kiboga, Nakaseke, Luwero, Nwoya, Amuru, Gulu, Lamwo, Kitgum,    |
| (Uganda)           | Adjumani, Obongi, Moyo and Yumbe   |
| Dates              | 2021 – 2025  |
| Dates              | EU-funded EUR5,000,000   |
| Summary            | Encourages sustainable charcoal practices and cleaner energy alternatives to mitigate            |
| Summary            | environmental damage.  |
| Brief description  | The Forestry Management and Sustainable Charcoal Value Chain (FM&SCVC) is a four-year            |
|                    | project (2021- 2025), that seeks to mitigate negative environmental, social and economic impacts |
|                    | resulting from charcoal production by promoting sustainable charcoal production practices, such  |
|                    | as establishment of woodlots and use of more efficient charcoal production kilns, while at the   |
|                    | same time promoting cleaner energy alternatives.   |

| Project                        | Global Bioenergy Partnership (GBEP)   |
|--------------------------------|---|
| Value Chain                    | Sustainable Solid Biomass and Processed Biomass   |
| Key Partners                   | FAO   |
| Geographical Scope<br>(Uganda) | Uganda  |
| Dates                          | Action started in 2005 – to date  |
| Dates                          | Not available   |
| Summary                        | A global commitment to bioenergy  |
| Brief description              | The GBEP aims to be a mechanism for partners to organize, coordinate and implement targeted international research, development, demonstration and commercial activities related to production, delivery, conversion and use of biomass for energy, with a focus on developing countries. |

| Project            | Inclusive Markets for Energy Efficiency Uganda (IMEU)  |
|--------------------|--|
| Value Chain        | Sustainable Solid Biomass, Electric cooking  |
| Key Partners       | CEDAT, PSFU, SNV, Embassy of Sweden, MEMD  |
| Geographical Scope | Bushenyi, Buhweju, Kanungu, Kabarole, Lira, Oyam, Kole and Dokolo, Wakiso, Kampala, and              |
| (Uganda)           | Mukono   |
| Dates              | 2021–2025  |
| Dates              | US\$8.8 million  |
| Cummony            | Promotes energy-efficient solutions in agriculture and buildings across 11 districts and 3 cities to |
| Summary            | boost livelihoods and competitiveness.   |
|                    | 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 |
| Brief description  | the built environment to enhance livelihoods and increase the resilience and competitiveness of      |
| Differ description | businesses in Uganda. The thematic scope of the project focuses on the 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.                            |

| Project Name                   | Installation of High Efficiency Wood Burning Cookstoves in Uganda  |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass  |
| Key Partners                   | Project developers, local stove distributors, CarbonCheck (verifier)   |
| Geographical Scope<br>(Uganda) | Nationwide   |
| Dates                          | Example monitoring period: Jul 2022 – Mar 2023   |
| Dates                          | Verified Carbon Standard (VCS); carbon credit revenues   |
| Summary                        | Project under Verified Carbon Standard (VCS). Distributes efficient cookstoves to reduce biomass use and greenhouse gas emissions.   |
| Brief Description              | A clean cooking project that installs high-efficiency, low-emission wood-burning stoves in households and institutions. It helps reduce biomass consumption, mitigate deforestation, and improve health outcomes |

| Project Name                   | Institutional Improved Cookstoves for Schools and Institutions in Uganda - Simoshi   |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass  |
| Key Partners                   | Simoshi Ltd, GIZ, SNV, World Bank, local schools   |
| Geographical Scope<br>(Uganda) | Schools around Kampala and other districts   |
| Dates                          | Ongoing – through Dec 2025 (phase 1)   |
| Dates                          | Financed via carbon credits and donor funding  |
| Summary                        | Project under Gold Standard. Installs institutional cookstoves to reduce fuel use, emissions, and improve school kitchen safety. |
| Brief Description              | Implemented by Simoshi and Community Carbon, this program promotes the installation of   |
|                                | efficient institutional cookstoves in schools and large institutions. It aims to reduce fuelwood use,                            |
|                                | cut greenhouse gas emissions, and improve indoor air quality, often supported through carbon                                     |
|                                | financing mechanisms.  |

| Project                        | Nationally Appropriate Mitigation Action (NAMA) for Integrated Waste Management and Biogas Production in Uganda  |
|--------------------------------|--|
| Value Chain                    | Biogas   |
| Key Partners                   | UNDP, MEMD, GEF Trust Fund, MWE, Ministry of Local Government, Ministry of Lands Housing and Urban Development, Ministry of Finance Planning and Economic Development, NWSC, Electricity Regulatory Authority, Climate Change Unit – Ministry of Water and Environment.  |
| Geographical Scope<br>(Uganda) | Kampala, Mbale, Jinja, Mbarara and Masaka  |
|                                | 2018 – 2024  |
| Dates                          | Anticipated Financing PPG - \$100,000; Project Grant - \$2,170,030; Co-financing - \$15,138,000; Total Project Cost - \$17,408,030   |
| Summary                        | Enhances waste management and biogas energy generation from organic and municipal waste to cut emissions.  |
| Brief description              | The overall objective of the project was to improve waste management practices in towns and municipalities through introduction of integrated waste management practices, and deployment of biogas energy systems based on organic fraction of MSW, agro-processing of waste (where combine with municipal wastes), sewerage sludge and wastewater for biogas energy generation. The project aimed to provide environmental benefits and reduce greenhouse gas emissions due to improper and inadequate management and treatment of wastewater and organic waste in towns, municipalities, and agro-processing industries in Uganda. |

| Project            | Promotion of Renewable Energy & Energy Efficiency Programme (PREEEP)                            |
|--------------------|---|
| Value Chain        | Sustainable Solid Biomass, Electric cooking   |
| Key Partners       | GIZ, MEMD. Co-funded by DKTI, EnDev, the German Federal Ministry for the Environment, Nature    |
| iney i di tileis   | Conservation, BMUV, BMWK, EU  |
| Geographical Scope | Uganda  |
| (Uganda)           | oganda  |
| Dates              | 2019 – 2026   |
| Dates              | Not available   |
| Summary            | Enhances renewable energy and efficiency through policy, market, and capacity development       |
| Surfilliary        | support.  |
|                    | The programme supports the process of increasing the amount of electricity from renewable       |
| Brief description  | sources and improves its accessibility as well as energy efficiency. The Promotion of Renewable |
| Dilei description  | Energy and Energy Efficiency Programme (PREEEP) achieves its goals through energy policy        |
|                    | advice, energy mainstreaming, market development, and skills development.                       |

| Project                        | SMALL RETF GRANT   |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass  |
| Key Partners                   | PSFU, GIZ, MEMD. Funded by the World Bank  |
| Geographical Scope<br>(Uganda) | Uganda   |
| Dates                          | 2017 – 2020  |
|                                | US\$1.7 million – Distribution Contribution Fund   |
|                                | \$0.14 million – Implementation of a Quality Assurance & Technical Support program   |
|                                | \$0.14 million – Institutional Development and Operational Support   |
|                                | \$0.07 million - Contingencies   |
| Summary                        | Supports biomass stove distribution and consumer outreach under PSFU, with   |
| Surririary                     | performance-based funding.   |
| Brief description              | Under the Uganda Clean Cooking Supply Chain Expansion Project, the Private Sector Foundation Uganda (PSFU)—set up the Distribution Challenge Fund, a grant facility to address gaps in the supply chain for quality-assured, efficient biomass stoves and enhance companies' efforts to engage consumers via marketing and awareness raising campaigns. PSFU managed the disbursements and liaised with clean cooking enterprises and the independent verification agency, which verified the stove sales for each payment period. |

| Project                        | Strengthening Entrepreneurial Ecosystem for Clean Cooking (SEE-CC)   |
|--------------------------------|--|
| Value Chain                    | Biogas, Biomass cookstoves, Electric cooking, Ethanol, LPG   |
| Key Partners                   | EnDev, Dutch Ministry of Foreign Affairs, European Commission, DANIDA, MEMD  |
| Geographical Scope<br>(Uganda) | Uganda   |
| Dates                          | 2020 – 2025  |
| Dates                          | EUR 1,850,000 (HTCC) and € 3,709,887 (ABC)   |
| Summary                        | Promotes clean cooking via private-sector models; includes ABC and HTCC for biodigesters and high-tier cookstoves.   |
| Brief description              | The SEE-CC programme introduces a new private-sector approach to promote clean and affordable cooking. The solutions of the programme include biodigesters and higher-tier (3, 4 and 5) cookstoves such as electric cookstoves and advanced biomass stoves. SEE-CC consists of two components: the African Biodigester Component (ABC) and the Higher Tier Cooking Component (HTCC). The ABC component, aims to support the growth and sustainability of a commercial biodigester sector in the country. The five-year project will result in installing 8000 small-scale (household) biodigesters across the country. The project will utilize a well-balanced mix of demand-side, supply-side, financing, and enabling environment interventions aimed at increasing demand, and supporting the growth and development of the private sector. The HTCC component aims to strengthen the supply side of the clean cooking sector by focusing on helping small and medium-sized enterprises improve their business operations and access finance for upscaling and innovation. HTCC also helps build an enabling environment in support of higher-tier cooking. Through a holistic technology approach including both e-cooking and advanced biomass cook stoves, HTCC Uganda aims to reach 12,000 households or 60,000 beneficiaries with higher tier cooking technologies (6,000 e-cooking and 6,000 Advanced Biomass Cookstoves). |

| Project Name                   | SUSTAINED (Supporting Stronger Access to INnovative Energy Solutions in Displacement Settings)                     |
|--------------------------------|--|
| Value Chain                    | Sustainable Solid Biomass  |
| Key Partners                   | Oxfam Uganda, Mercy Corps, CARE, refugee-led organisations, FSPs, ESCOs  |
| Geographical Scope<br>(Uganda) | Bidi-Bidi refugee hosting area, Yumbe district, West Nile region   |
| Dates                          | 12 months (approx. 2023–2024)  |
| Dates                          | €1,000,000 funded by Embassy of the Kingdom of the Netherlands (EKN)   |
| Summary                        | Expands access to clean, reliable, affordable energy for refugees and host communities, focusing on women & youth. |
| Brief Description              | A program focused on improving access to sustainable, affordable, and innovative energy                            |
|                                | solutions in refugee and host communities. It supports humanitarian and market-based                               |
|                                | approaches to clean cooking, lighting, and electrification, often in partnership with NGOs, private                |
|                                | sector, and local governments.   |

| Project Name                   | Transforming Humanitarian Energy Access (THEA)  |
|--------------------------------|---|
| Value Chain                    | Sustainable Solid Biomass   |
| Key Partners                   | Mercy Corps, Ashden, GPA, UK Aid, Carbon Trust  |
| Geographical Scope<br>(Uganda) | Displacement-affected communities (Uganda, also Ethiopia & Bangladesh)                                  |
| Dates                          | Sep 2024 – Dec 2026   |
| Dates                          | UK Aid via Transforming Energy Access; small pilot grants (~£10,000)                                    |
| Summary                        | Supports and scales inclusive energy models in displacement settings to improve access and livelihoods. |
|                                | A global initiative (led by organizations such as Mercy Corps and partners) that aims to integrate      |
| Brief Description              | sustainable energy into humanitarian responses. THEA works to scale up clean energy access in           |
|                                | displacement settings, enhance coordination, and transition away from fossil fuel dependency.           |

| Project                        | Uganda Biogas & Electric Cooking Project (UBEP)  |
|--------------------------------|--|
| Value Chain                    | Biogas, Electric cooking   |
| Key Partners                   | AfDB, Climate Action Window, MEMD, UK Foreign, UK FCDO   |
| Geographical Scope<br>(Uganda) | Biogas digesters for institutional and commercial cooking: Kampala, Mbale, Jinja, Masaka, and Mbarara.   |
| Dates                          | Electric cooking component: Greater Kampala Metropolitan Area (GKMA), Mbarara, Jinja, Mbale, Fort Portal, Gulu, Lira, and Masaka.  |
| Funding / Notes                | July 2025 - October 2028   |
| runuing / Notes                | US\$13.65 million  |
| Summary                        | Promotes biogas and e-cooking to reduce biomass use, improve health, and support gender and environmental goals.   |
| Brief description              | The Project aims to increase access to clean and efficient cooking solutions and thereby promote gender equity and reduce the reliance on traditional biomass (fuelwood and charcoal) for cooking. This approach also promotes environmental sustainability and improves health outcomes. The project supports investments in biogas and electric cooking technologies, alongside comprehensive awareness campaigns and capacity-building initiatives designed to foster behavioral change and encourage safe and sustainable cooking practices. |

| Project                        | Uganda Energy Access Scale- up Project   |
|--------------------------------|--|
| Value Chain                    | Biomass cookstoves, Electric cooking   |
| Key Partners                   | MEMD,UECCC. Funded by the World Bank   |
| Geographical Scope<br>(Uganda) | Uganda   |
| Dates                          | 2022 – 2027  |
|                                | US\$638 million  |
| Funding / Notes                | Five-component project to boost grid and off-grid access, including energy solutions in refugee host areas.  |
| Brief description              | The development objective of the Electricity Access Scale-up Project for Uganda is to increase access to energy for households, commercial enterprises, industrial parks, and public institutions. This project has five components. 1) Grid Expansion and Connectivity, 2) Financial Intermediation for Energy Access Scale-up, 3) Energy Access in Refugee Host Communities, 4) Project Implementation Support and Affordable Modern Energy Solutions, 5) Contingent Emergency Response Component. |

| Project                        | UPCHAIN – Unlocking the potential of Green Charcoal Innovations to Mitigate Climate Change in Northern Uganda  |
|--------------------------------|--|
| Value Chain                    | Processed Biomass (Briquettes)   |
| Key Partners                   | Gulu University, University of Copenhagen, Aalborg University, Danida Fellowship Centre, MEMD, NCHE, Adjumani District Local Government, Amuru District Local Government, and Gulu City Council.   |
| Geographical Scope<br>(Uganda) | Northern Uganda  |
| Dates                          | 2022 -2025   |
|                                | UGX 6 billion  |
| Funding / Notes                | Promotes green charcoal from agricultural waste to combat deforestation, health issues, and unemployment.  |
| Brief description              | UPCHAIN – Unlocking the potential of Green Charcoal Innovations to Mitigate Climate Change in Northern Uganda – is a multi-disciplinary Gulu University research project in the production and use of cleaner and greener energy. The project primarily focuses on producing and using briquettes (green charcoal) from agricultural residues as an alternative to firewood and black charcoal. Green charcoal should contribute to stopping deforestation, reduce smoke-induced health issues as well as create local employment. |

## IV. Mapping of Clean Cooking Interventions

## 4.1 Actors Mapping and Profiling

Uganda's Clean Cooking Value Chain can be sub-divided into Six (6) value chains namely, Bioethanol for Cooking; Biogas; Electric Cooking; Sustainable Solid Biomass; Processed Biomass (Briquettes and Pellets); and Liquefied Petroleum Gas (LPG). The value chains encompass the production, processing, transportation, distribution and retailing businesses. Actors are further categorized by the roles/ businesses they play in the value chain.







Photos Sources:

**UNACC** Website

GGGI Uganda Country Brochure

WWF website

## Table 9: Clean cooking intervention stakeholders

Note: The companies have been organized by alphabetical order by value chain and company name. To search for a type of technology or fuel, Press Ctrl + F on a Windows computer or Command + F on a Mac. This will open a small search bar, at the top right of the document. Type the word or phrase you want to find into the search bar and press enter.







| Company name:                   | African Energy Environment Saving Stoves & Construction Ltd  |
|---------------------------------|--|
| Value Chain:                    | Bioethanol for Cooking, Electric Cooking, Sustainable Solid Biomass  |
| Technology:                     | Improved Biomass Cookstoves, Electric Pressure Cookers, Ethanol<br>Stoves, Institutional Cookstoves, Baking ovens, Grills, Incinerators                            |
| Fuel:                           | None   |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funding   |
| Projects participated in:       | Global Alliance for Cleancooking, Giz RBF project, SNV switch to clean cooking in eastern Uganda, Mercy Corps Uganda clean cooking projects in Karamoja subregion. |
| Contact person:                 | Isma Wamala  |
| Main address:                   | Kabaka's lake -Ring road, Ndeeba parish- Kampala   |
| Area of operation:              | Moroto, Mbale, Kampala, Masaka, Mbarara, Iganga, Kaliro, Masindi,<br>Kasese  |
| Link to google maps:            | Https://maps.app.goo.gl/y6nsrbfwnwiz1v3ba  |
| Phone:                          | 0750880252/0752699799/0772375204   |
| Email:                          | Ismawamala2014@gmail.com   |
| Website:                        | Https://www.linkedin.com/in/isma-wamala-a638782a1/?Originals ubdomain=ug   |

| Company name:                   | Creative initiative for enterprise development   |
|---------------------------------|--|
| Value Chain:                    | Bioethanol for Cooking, Electric Cooking, Liquefied Petroleum Gas (LPG), Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves, Electric Pressure Cookers,<br>Ethanol Stoves, LPG stoves              |
| Fuel:                           | Briquettes   |
| Type of business:               | Distributor  |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funding and sales   |
| Projects participated in:       | None   |
| Contact person:                 | Ann Grace Akiteng  |
| Main address                    | P.O BOX 439 Soroti   |
| Area of operation               | Soroti   |
| Link to google maps             | None   |
| Phone                           | 772891830  |
| Email                           | Akitengann@gmail.com   |
| Website                         | None   |



| Company name:                   | Energone Green Co Smc Ltd.                           |
|---------------------------------|--|
| Value Chain:                    | Bioethanol for Cooking, Processed Biomass            |
| Technology:                     | Ethanol stoves                                       |
| Fuel:                           | Briquettes and ethanol                               |
| Type of business:               | Limited company                                      |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not Certified  |
| Main source of capital:         | Self-funded  |
| Projects participated in:       | NREP   |
| Contact person:                 | Arthur Mugwanya                                      |
| Main address                    | Kyegegwa   |
| Area of operation               | Kampala  |
| Link to google maps             | None   |
| Phone                           | 772355382  |
| Email                           | Energonegreen.co@yahoo.com / mugarthur2002@yahoo.com |
| Website                         | None   |





| Company name:                   | Enersave Enterprises  |
|---------------------------------|---|
| Value Chain:                    | Bioethanol for Cooking, Electric Cooking, Processed Biomass |
| Technology:                     | Electric pressure cookers                                   |
| Status of registration - URSB:  | Yes   |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Contact person:                 | SARAH BABIRYE/ BASSA DAVIS                                  |
| Main address:                   | Seeta, Kob  |
| Area of operation:              | Country wide  |
| Link to google maps:            | ENERSAVE ENTERPRISES LTD                                    |
| Type of business:               | Distributing  |
| Fuel:                           | Ethanol and briquettes                                      |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | EBUL/ENDEV RBF  |
| Phone:                          | 787282919/ 0789750402                                       |
| Email:                          | Ekennethk@yahoo.co.uk/ speciozanalu@gmail.com               |
| Website:                        | Https://enersavesolutions.com/                              |







| Company name:                   | King Fire Energy Solutions Ltd   |
|---------------------------------|--|
| Value Chain:                    | Bioethanol for Cooking ,Electric Cooking, Liquefied Petroleum<br>Gas (LPG), Sustainable Solid Biomass                                    |
| Technology:                     | Improved Biomass Cookstoves, EPC, LPG, Ethanol Cookstoves, institutional stoves, Bio gas, Pellets, solar pressure cookers & solar lights |
| Fuel:                           | Briquettes   |
| Type of business:               | Manufacturer and Distributor   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funded, loans   |
| Projects participated in:       | Kiryandongo, Yumbe and Nebbi expos   |
| Contact person:                 | Catherine Nakitende  |
| Main address:                   | Buloba, serugo   |
| Area of operation:              | Countrywide  |
| Link to google maps:            | None   |
| Phone:                          | 776760660 / 702613031  |
| Email:                          | Kingbriquette@yahoo.co.uk/ jnnaava@gmail.com   |
| Website:                        | Kingfire Energy Solutions  |



| Company name:                   | Aot Consulting (U) Ltd                               |
|---------------------------------|--|
| Value Chain:                    | Biogas, Processed Biomass                            |
| Technology:                     | Biogas   |
| Fuel:                           | Briquettes   |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self-funded  |
| Projects participated in:       | None   |
| Contact person:                 | Nelson Tashobya                                      |
| Main address:                   | D3, Block 24, Lithuli rise, Bugolobi Flats, Bugolobi |
| Area of operation:              | Kampala  |
| Link to google maps:            | None   |
| Phone:                          | 794242404  |
| Email:                          | official@aotconsulting.co.ug                         |
| Website:                        | Https://www.aotconsulting.co.ug/                     |



| Company name:                   | Bakulu Power Ltd.   |
|---------------------------------|---|
| Value Chain:                    | Biogas  |
| Technology:                     | Biogas  |
| Fuel:                           | None  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | None  |
| Contact person:                 | Lucia Bakulumpagi-Wamala                                    |
| Main address:                   | 5th Floor, Social Security House, 4 Jinja Road, PO Box 8230 |
| Area of operation:              | Eastern region  |
| Link to google maps:            | None  |
| Phone:                          | 0774 595 294  |
| Email:                          | Lucia@bakulupower.com                                       |
| Website:                        | Https://bakulupower.com/                                    |





| Company name:                   | Biogas Gurus & contractors Itd                            |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                                 |
| Technology:                     | Improved Biomass Cookstoves                               |
| Fuel:                           | None  |
| Type of business:               | Distribution  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self-funded, Debts  |
| Projects participated in:       | Distribution of Cookstoves in Soroti district             |
| Contact person:                 | Okwi David  |
| Main address                    | Plot 2B Mohammedan Cemetery Rd. Camp Swahili Soroti city. |
| Area of operation               | Eastern region  |
| Link to google maps             | https://www.google.com/maps/                              |
| Phone                           | 752629269/0782629269                                      |
| Email                           | Bgelimited2020@gmail.com                                  |
| Website                         | None  |



| Company name:                   | Biogas Solutions Uganda                   |
|---------------------------------|---|
| Value Chain:                    | Biogas                                    |
| Technology:                     | Biogas                                    |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Business                                  |
| Status of certification - UNBS: | Certified                                 |
| Contact person:                 | Muvule Michel                             |
| Main address                    | Bugolobi, Luthuli Rise                    |
| Area of operation               | Kampala                                   |
| Link to google maps             | https://maps.app.goo.gl/Sv274SLMuUxsAKLdA |
| Type of business:               | Manufacturing                             |
| Fuel:                           | None                                      |
| Main source of capital:         | Grants, Self-funded                       |
| Projects participated in:       | African Bio Gas digester                  |
| Phone                           | 800399236                                 |
| Email                           | Info@biogassolutions.co.ug                |
| Website                         | Ww.biogassolutionsuganda                  |





| Company name:                   | Bold Biogas Ltd                                       |
|---------------------------------|---|
| Value Chain:                    | Biogas  |
| Technology:                     | Biogas  |
| Fuel:                           | None  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | None  |
| Contact person:                 | Rogers ATWINE   |
| Main address:                   | Plot 902 Kamukuzi, Mbarara city/ Kiwatule RD, Kampala |
| Area of operation:              | Western and central Uganda                            |
| Link to google maps:            | https://maps.app.goo.gl/FbMKaUy32uswrAa19             |
| Phone:                          | 0393241352/0200911827                                 |
| Email:                          | Ratwine@buksafrica.com                                |
| Website:                        | Buksafrica.com  |

| Company name:                   | Controgen Greenway Ltd      |
|---------------------------------|-----------------------------|
| Value Chain:                    | Biogas, Processed Biomass   |
| Technology:                     | Biogas and Biomass          |
| Fuel:                           | Briquettes                  |
| Type of business:               | Manufacturer                |
| Status of registration - URSB:  | Registered                  |
| Type of registration - URSB:    | Company                     |
| Status of certification - UNBS: | Certified                   |
| Main source of capital:         | Self-funded                 |
| Projects participated in:       | None                        |
| Contact person:                 | Gilbert Byamugisha          |
| Main address                    | 129832,Kampala              |
| Area of operation               | Countrywide                 |
| Link to google maps             | None                        |
| Phone                           | 772425369/0393284553        |
| Email                           | Controgengreenway@gmail.com |
| Website                         | None                        |







| Company name:                   | Detra Energy                                     |
|---------------------------------|--|
| Value Chain:                    | Biogas, Sustainable Solid Biomass                |
| Technology:                     | Biogas installation, Improved Biomass Cookstoves |
| Fuel:                           | None   |
| Type of business:               | Manufacturer and Distributor                     |
| Status of registration - URSB:  | Registered                                       |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified                                    |
| Main source of capital:         | Loans, Self-funded                               |
| Projects participated in:       | NSSF, GIZ, Result based financing (Equity bank)  |
| Contact person:                 | David Ucha                                       |
| Main address:                   | Bujuuko Biira, Wakiso District                   |
| Area of operation:              | Country wide                                     |
| Link to google maps:            | Https://maps.app.goo.gl/kvbhkxrzpyqjqjpz5        |
| Phone:                          | 704898745  |
| Email:                          | Detraenergy@gmail.com                            |
| Website:                        | Detraenergy.com                                  |



| Company name:                   | Kabarole Research and Resource Center     |
|---------------------------------|---|
| Value Chain:                    | Biogas                                    |
| Technology:                     | Biogas                                    |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self financing                            |
| Projects participated in:       | None                                      |
| Contact person:                 | Julius Mwanga                             |
| Main address:                   | Plot 28, Mugurusi Road, Fort Portal       |
| Area of operation:              | Kabarole, Kyenjonjo                       |
| Link to google maps:            | Https://maps.app.goo.gl/rkbnqrdokygazswm7 |
| Phone:                          | 772305521                                 |
| Email:                          | Jmwanga@krcug.org                         |
| Website:                        | Https://krcuganda.org                     |

| Company name:                   | Ndundu Investments Ltd                    |
|---------------------------------|---|
| Value Chain:                    | Biogas                                    |
| Technology:                     | Community-Biogas                          |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturer                              |
| Type of registration - URSB:    | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self/ grant                               |
| Projects participated in:       | Biogas installation in Uganda             |
| Contact person:                 | Lucy Shillingi                            |
| Main address:                   | Kyanja                                    |
| Area of operation:              | Kyanja                                    |
| Link to google maps:            | https://maps.app.goo.gl/kqjPwkN6y7Upbx5U9 |
| Phone:                          | 772462019                                 |
| Email:                          | Lucyshillingi@gmail.com                   |
| Website:                        |   |

| Company name:                   | Promoters Of Efficient Technologies For Development (PESTD) |
|---------------------------------|---|
| Value Chain:                    | Biogas, Processed Biomass                                   |
| Technology:                     | Biogas  |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Not Registered  |
| Type of registration - URSB:    | None  |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self funded   |
| Projects participated in:       | UNACC, UNREEA, UNBA   |
| Contact person:                 | Prossy Sebunya/ Nkemba Johnpaul                             |
| Main address:                   | Kyebando  |
| Area of operation:              | Countrywide   |
| Link to google maps:            | None  |
| Phone:                          | 772466205   |
| Email:                          | Petsd2000@yahoo.com   |
| Website:                        | None  |



| Company name:                   | Rape Hurts Foundation (RHF)               |
|---------------------------------|---|
| Value Chain:                    | Biogas                                    |
| Technology:                     | Biogas                                    |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Not Registered                            |
| Type of registration - URSB:    | None                                      |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Hellen Waiswa Lunkuse                     |
| Main address:                   | Bukyerimba LC 1 Zone P.O.Box 128Kamuli,   |
| Area of operation:              | Kamuli                                    |
| Link to google maps:            | Https://maps.app.goo.gl/emuetz4mqwfnemct8 |
| Phone:                          | 782796296                                 |
| Email:                          | Hellentanyinga@yahoo.com                  |
| Website:                        | None                                      |

| Company name:                   | Rural Environmental Sustainability Initiative (RESI)     |
|---------------------------------|--|
| Value Chain:                    | Biogas, Electric Cooking                                 |
| Technology:                     | Biogas Systems, Electric Pressure Cookers, Solar Cookers |
| Fuel:                           | Electricity  |
| Type of business:               | Distributor  |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | None   |
| Contact person:                 | Herbert Mugurusi   |
| Main address:                   | Kyenjojo   |
| Area of operation:              | Hapuyo, Kyegegwa, Kabarole,                              |
| Link to google maps:            | None   |
| Phone:                          | 701692193  |
| Email:                          | Herbert@resi-ecoinclusive.org                            |
| Website:                        | None   |



| Company name:                   | SAF-TESO                                  |
|---------------------------------|---|
| Value Chain:                    | Biogas                                    |
| Technology:                     | Biogas                                    |
| Fuel:                           | None                                      |
| Type of business:               | NGO                                       |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Michael Anguria                           |
| Main address:                   | Soroti camp swahili                       |
| Area of operation:              | Soroti                                    |
| Link to google maps:            | Https://maps.app.goo.gl/udsgeyybt96maeru8 |
| Phone:                          | 781242684                                 |
| Email:                          | Shineafricaministries@gmail.com           |
| Website:                        | Https://safteso.netlify.app               |







| Company name:                   | Seb-Engineering Services Ltd                           |
|---------------------------------|--|
| Value Chain:                    | Biogas, Processed Biomass, Sustainable Solid Biomass   |
| Technology:                     | Biogas, Improved Biomass Cookstoves                    |
| Fuel:                           | Non carbonised briquettes                              |
| Type of business:               | Manufacturing , Engineering, Education and Consultancy |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | No   |
| Main source of capital:         | Self funded  |
| Projects participated in:       | None   |
| Contact person:                 | Ronald Ssezibwa  |
| Main address:                   | Plot 211 Kayubga Gombe B Wakiso Hoima Road             |
| Area of operation:              | Renewable Energy sector                                |
| Link to google maps:            | Https://maps.app.goo.gl/Ho76Pjv8PV5AUdxx8              |
| Phone:                          | 0752983365, 07769833365                                |
| Email:                          | Seb_engneering@yahoo.com                               |
| Website:                        | Https://www.sebengineeringservices.com                 |







| Company name:                   | Sistema.Bio         |
|---------------------------------|---------------------|
| Value Chain:                    | Biogas              |
| Technology:                     | Biogas              |
| Status of registration - URSB:  | Registered          |
| Type of registration - URSB:    | Company             |
| Status of certification - UNBS: | Not certified       |
| Contact person:                 | Hope Muheto Imaa    |
| Main address:                   | Kiwatule            |
| Area of operation:              | Countrywide         |
| Link to google maps:            | None                |
| Type of business:               | Manufacturers       |
| Fuel:                           | None                |
| Main source of capital:         | Self funded, grants |
| Projects participated in:       | None                |
| Phone:                          | 782300768           |
| Email:                          | Hope@sistema.bio    |
| Website:                        | Www.sistema.bio     |

| Company name:                   | Teda Farmers              |
|---------------------------------|---------------------------|
| Value Chain:                    | Biogas, Processed Biomass |
| Technology:                     | Biogas                    |
| Fuel:                           | Briquettes                |
| Type of business:               | Manufacturer              |
| Status of registration - URSB:  | Not registered            |
| Type of registration - URSB:    | None                      |
| Status of certification - UNBS: | Not certified             |
| Main source of capital:         | Self funding              |
| Projects participated in:       | None                      |
| Contact person:                 | Moses Lubanga             |
| Main address                    | Iganga                    |
| Area of operation               | Iganga                    |
| Link to google maps             | None                      |
| Phone                           | 702631100                 |
| Email                           | Mosylubanga@gmail.com     |
| Website                         | None                      |







| Company name:                   | Timgreen energy solutions                |
|---------------------------------|--|
| Value Chain:                    | Biogas, Other - Solar, Processed Biomass |
| Technology:                     | Biogas, Improved Biomass Cookstoves      |
| Fuel:                           | Carbonized briquettes                    |
| Type of business:               | Manufacturer                             |
| Status of registration - URSB:  | Registered                               |
| Type of registration - URSB:    | Company                                  |
| Status of certification - UNBS: | In the process                           |
| Main source of capital:         | Self funding                             |
| Projects participated in:       | UNAAC                                    |
| Contact person:                 | Taremwa Timothy                          |
| Main address                    | Kawempe                                  |
| Area of operation               | Kampala                                  |
| Link to google maps             | None                                     |
| Phone                           | 703902264                                |
| Email                           | Info@timgreenenergy.com                  |
| Website                         | Www.timgreenenergy.com                   |

| Company name:                   | Youth For Life Tree Planting Limited |
|---------------------------------|--------------------------------------|
| Value Chain:                    | Biogas                               |
| Technology:                     | Biogas                               |
| Status of registration - URSB:  | Registered                           |
| Type of registration - URSB:    | Company                              |
| Fuel:                           | None                                 |
| Type of business:               | Manufacturer                         |
| Status of certification - UNBS: | Not certified                        |
| Main source of capital:         | Grants and self funded               |
| Projects participated in:       | UNACC                                |
| Contact person:                 | Denis Okwir                          |
| Main address                    | Lira, Ngetta - Kitgum Road           |
| Area of operation               | Lira                                 |
| Link to google maps             | None                                 |
| Phone                           | 772572063                            |
| Email                           | Youth4lifeuganda@gmail.com           |
| Website                         | Www.yfluganda.com                    |







| Company name:                   | Burn Manufacturing Ug Ltd                           |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass         |
| Technology:                     | Electric Induction Cookers, Improved Biomass stoves |
| Fuel:                           | None  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Certificate   |
| Main source of capital:         | Self funding & investors                            |
| Projects participated in:       | Carbon project                                      |
| Contact person:                 | Peter Scot  |
| Main address:                   | BURN Headquarters, Nairobi, Kenya                   |
| Area of operation:              | Countrywide   |
| Link to google maps:            | https://maps.app.goo.gl/GnD9Tqa3pyGt76x18           |
| Phone:                          | 0393241352/0200911827                               |
| Email:                          | kenya@burnmfg.com                                   |
| Website:                        | Https://burnstoves.com                              |





| Company name:                   | ECO WAVE APPLIANCES              |
|---------------------------------|----------------------------------|
| Value Chain:                    | Electric Cooking                 |
| Technology:                     | Electric pressure cookers        |
| Fuel:                           | None                             |
| Type of business:               | Distributor                      |
| Status of registration - URSB:  | Not registered                   |
| Type of registration - URSB:    | None                             |
| Status of certification - UNBS: | Not certified                    |
| Main source of capital:         | Self funded                      |
| Projects participated in:       | None                             |
| Contact person:                 | Nassozi Fatima                   |
| Main address:                   | Kampala Road, Kabaka Kintu House |
| Area of operation:              | Kampala                          |
| Link to google maps:            | None                             |
| Phone:                          | 766751567                        |
| Email:                          | Nassozifatuma@gmail.com          |
| Website:                        | None                             |





| Company name:                   | Energrow                                       |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking                               |
| Technology:                     | Electric pressure cookers                      |
| Fuel:                           | None   |
| Type of business:               | Distributors                                   |
| Status of registration - URSB:  | Registered                                     |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified                                  |
| Main source of capital:         | Self funded                                    |
| Projects participated in:       | Clasp  |
| Contact person:                 | Aaron Leopard                                  |
| Main address:                   | Plot 279, Block 207 Gayaza-Kampala Rd, Kampala |
| Area of operation:              | Country wide                                   |
| Link to google maps:            | https://maps.app.goo.gl/RLKpgsyJtnyLqtrx5      |
| Phone:                          | 783453636                                      |
| Email:                          | Aaron@energrow.com                             |
| Website:                        | Https://ener-grow.com                          |







| Company name:                   | Fulusi Limited                                      |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Liquefied Petroleum Gas (LPG),    |
|                                 | Processed Biomass, Sustainable Solid Biomass        |
| Technology:                     | Improved Biomass Cookstoves, LPG, Electric Pressure |
| Tradimiology.                   | Cookers   |
| Fuel:                           | Briquettes, LPG                                     |
| Type of business:               | Distributors  |
| Status of registration - URSB:  | Yes   |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Yes   |
| Main source of capital:         | Grants, Self funded                                 |
| Projects participated in:       | Fitspa  |
| Contact person:                 | Honest Turyamuhaisa                                 |
| Main address                    | Acacia Mall, Kampala                                |
| Area of operation               | Kireka, seguku,Nakulabye,wakiso,mukono              |
| Link to google maps             | None  |
| Phone                           | 752926324   |
| Email                           | Hturyamuhaisa@gmail.com                             |
| Website                         | None  |

| Company name:                   | Green Biomasters Ltd                                   |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass            |
| Technology:                     | Improved Biomass Cookstoves, Electric pressure cookers |
| Fuel:                           | None   |
| Type of business:               | Distributor  |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self financing   |
| Projects participated in:       | None   |
| Contact person:                 | Jackson Mutegeki                                       |
| Main address                    | Hoima town   |
| Area of operation               | Country wide   |
| Link to google maps             | None   |
| Phone                           | 773199270  |
| Email                           | Greenbiomasters@gmail.com                              |
| Website                         | None   |







| Company name:                   | Green- Fit works Limited                          |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Liquefied Petroleum Gas (LPG),  |
|                                 | Sustainable Solid Biomass                         |
| Technology:                     | Improved Biomass Cookstoves, LPG Stoves, Electric |
|                                 | Pressure Cookers, Institutional Cookstoves        |
| Fuel:                           | LPG   |
| Type of business:               | Manufacturer and Distributor                      |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified                                     |
| Main source of capital:         | Self financing, RBF and loans                     |
| Projects participated in:       | GIZ, Equity, PSFU projects                        |
| Contact person:                 | Fred Bakule                                       |
| Main address:                   | Kyengera, Wakiso                                  |
| Area of operation:              | Countrywide                                       |
| Link to google maps:            | Https://maps.app.goo.gl/it8gb77gjaxhnyfo7         |
| Phone:                          | 702977901   |
| Email:                          | greenfiworks@gmail.com / info@greenfitstoves.com  |
| Website:                        | https://greenfitstoves.com                        |

| Company name:                   | Green Flame Solutions Uganda                      |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Liquefied Petroleum Gas (LPG),  |
|                                 | Sustainable Solid Biomass                         |
| Technology:                     | Improved Biomass Cookstoves, LPG Stoves, Electric |
|                                 | Pressure Cookers                                  |
| Fuel:                           | None  |
| Type of business:               | Distributor                                       |
| Status of registration - URSB:  | Yes   |
| Type of registration - URSB:    | Business  |
| Status of certification - UNBS: | Not certified                                     |
| Main source of capital:         | Self-funded                                       |
| Projects participated in:       | None  |
| Contact person:                 | Faith   |
| Main address                    | Kireka  |
| Area of operation               | Kireka, Wakiso                                    |
| Link to google maps             | None  |
| Phone                           | 761707739/740034419                               |
| Email                           | Greenflamesolutions@gmail.com                     |
| Website                         | None  |

| Company name:                   | Kendeza Carbon conscious solutions           |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass  |
| Technology:                     | Improved Biomass Cookstoves, Electric Stoves |
| Fuel:                           | None   |
| Type of business:               | Manufacturer and Distributor                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Certified                                    |
| Main source of capital:         | Self-funded                                  |
| Projects participated in:       | None   |
| Contact person:                 | David Olima                                  |
| Main address                    | 206 magnate centre, Entebbe road lweza       |
| Area of operation               | Country wide                                 |
| Link to google maps             | None   |
| Phone                           | 7767690663                                   |
| Email                           | David.olima@kendeza.com                      |
| Website                         | www.kendeza.com                              |





| Company name:                   | Kiboko Ent.Ltd   |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking   |
| Technology:                     | Electric pressure cookers, Air fryers, induction cookers |
| Fuel:                           | None   |
| Type of business:               | Distributor  |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | None   |
| Main source of capital:         | Grants, self-funded                                      |
| Projects participated in:       | None   |
| Contact person:                 | Willium /Vinrod  |
| Main address:                   | Namuwongo  |
| Area of operation:              | Country wide   |
| Link to google maps:            | Https://maps.app.goo.gl/yjgtvoxwwxjtswjk7                |
| Phone:                          | 771387723  |
| Email:                          | Sales.ecoa@kibokogroup.com                               |
| Website:                        | Https://kibokoenterprises.com                            |





| Company name:                   | Peru Energy Limited                                     |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass             |
| Technology:                     | Improved Biomass Cookstoves, Electric Pressure Cookers, |
| reciliology.                    | Solar Cookers & Institutional Cookstoves                |
| Fuel:                           | Volcanic rocks  |
| Type of business:               | Manufacturers and distributors                          |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self financing  |
| Projects participated in:       | UNACC   |
| Contact person:                 | Tumugabirwe Partson                                     |
| Main address:                   | Namungoona, Hoima Road                                  |
| Area of operation:              | Kampala   |
| Link to google maps:            | Https://maps.app.goo.gl/9o3w3hqkxwwdwh298               |
| Phone:                          | 0782855735/0705204462                                   |
| Email:                          | Peruenergy24@gmail.com / tumupartson229@gmail.com       |
| Website:                        | www.perustoves.com                                      |







| Company name:                   | Potential Energy Itd   |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass  |
| Technology:                     | Improved Biomass Cookstoves, Electric Pressure Cookers   |
| Fuel:                           | None   |
| Type of business:               | Manufacturer and Distributor   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | In progress  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | Accelerate energy access for cookstove technologies - PSFU/ENDEV, Sale, distribution, and after-sales support of cooking and solar products in Uganda - EBUL/ENDEV |
| Contact person:                 | Aggrey Rugyema   |
| Main address:                   | Muyenga-Kironde road   |
| Area of operation:              | Country wide   |
| Link to google maps:            | None   |
| Phone:                          | 701735372/0785538204   |
| Email:                          | Aggrey@potentialenergy.org   |
| Website:                        | www.potentialenergy.com  |





| Company name:                   | Re-Newable Hub (U) Ltd                                  |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass             |
| Technology:                     | Improved Biomass Cookstoves, Electric Pressure Cookers, |
|                                 | Institutional Cookstoves                                |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturer and Distributor                            |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self funded and grants                                  |
| Projects participated in:       | Enactus project   |
| Contact person:                 | Moses Amone   |
| Main address:                   | Ntinda, Kampala   |
| Area of operation:              | Countrywide   |
| Link to google maps:            | Https://maps.app.goo.gl/nelwbnjrricesupwa               |
| Phone:                          | 774198895   |
| Email:                          | Mosesamone@gmail.com                                    |
| Website:                        | Https://x.com/renewablehub                              |





| Company name:                   | Save Tree Energy Limited                        |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Liquefied Petroleum Gas (LPG) |
| Technology:                     | Electric pressure cookers, LPG stoves           |
| Fuel:                           | Liquefied Petroleum Gas (LPG),                  |
| Type of business:               | Distributor                                     |
| Status of registration - URSB:  | Registered                                      |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Certified                                       |
| Main source of capital:         | Self funded                                     |
| Projects participated in:       | None  |
| Contact person:                 | Nsimire Joan                                    |
| Main address:                   | Kisekende, Mubende                              |
| Area of operation:              | Kisekende, Mubende                              |
| Link to google maps:            | Https://maps.app.goo.gl/l8u8aatvcptxv6hf7       |
| Phone:                          | 256200907433, 0753915994                        |
| Email:                          |   |
| Website:                        | Https://savetreenergy.com/index.html            |







| Company name:                   | Up Energy Limited                                      |
|---------------------------------|--|
| Value Chain:                    | Electric Cooking, Sustainable Solid Biomass            |
| Technology:                     | Improved Biomass Cookstoves, Electric pressure cookers |
| Fuel:                           | None   |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Grants   |
| Projects participated in:       | GIZ, PSFU  |
| Contact person:                 | Kato   |
| Main address                    | Kironde Road Muyenga                                   |
| Area of operation               | Country wide   |
| Link to google maps             | Https://maps.app.goo.gl/qzzu9frxoz5lmem69              |
| Phone                           | 0772426988   |
| Email                           | Johnmulumba@upenergy.group.com /                       |
|                                 | chris@upenergygroup.com                                |
| Website                         | Https://www.upenergygroup.com                          |

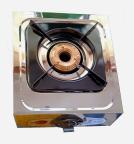




| Company name:                   | Wana Energy Solutions (U) Ltd                   |
|---------------------------------|---|
| Value Chain:                    | Electric Cooking, Liquefied Petroleum Gas (LPG) |
| Technology:                     | LPG stoves, Electric Pressure Cookers           |
| Fuel:                           | Liquefied Petroleum Gas (LPG),                  |
| Type of business:               | Distributors                                    |
| Status of registration - URSB:  | Registered                                      |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Certified                                       |
| Main source of capital:         | Grants, Loans, & RBF                            |
| Projects participated in:       | UNACC, ENACT, NREP                              |
| Contact person:                 |   |
| Main address                    | Plot 212 WANA Close seguku                      |
| Area of operation               | Country wide                                    |
| Link to google maps             | Https://maps.app.goo.gl/izpkgsuweytypbmqa       |
| Phone                           | 0776704397/ 0777704397                          |
| Email                           | Ewasirwa@waesol.com                             |
| Website                         | https://www.wanaenergy.com                      |







| Company name:                   | Abbarci Petroleum Marketing Co            |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG Cylinders                             |
| Fuel:                           | LPG                                       |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self-Funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Mohamed Abbarci                           |
| Main address:                   | Plot No 83 Kira Road, Kamwokya            |
| Area of operation:              | Kamwokya                                  |
| Link to google maps:            | Https://maps.app.goo.gl/7ixnneqdjskqumhf9 |
| Phone:                          | 0755892020 / 0700743672                   |
| Email:                          | Info@abbarci.ug, mohabbari@gmail.com      |
| Website:                        | Https://abbarci.ug                        |

| Company name:                   | Don Uganda Limited                        |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG stoves                                |
| Fuel:                           | LPG                                       |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Not - Registered                          |
| Type of registration - URSB:    | Not registered                            |
| Status of certification - UNBS: | None                                      |
| Main source of capital:         | Self-funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Rahama Minala                             |
| Main address:                   | Kisekende, Mubende                        |
| Area of operation:              | Mubende                                   |
| Link to google maps:            | Https://maps.app.goo.gl/p2rgzqgiuk1ib2ey6 |
| Phone:                          | 705550188                                 |
| Email:                          | Minaanarahama37@gmail.com                 |
| Website:                        | None                                      |

| Company name:                   | Gaza Energies                  |
|---------------------------------|--------------------------------|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)  |
| Technology:                     | LPG stoves                     |
| Fuel:                           | Liquefied Petroleum Gas (LPG), |
| Type of business:               | Distributor                    |
| Status of registration - URSB:  | Registered                     |
| Type of registration - URSB:    | Company                        |
| Status of certification - UNBS: | Certified                      |
| Main source of capital:         | Self funded                    |
| Projects participated in:       | None                           |
| Contact person:                 | Moses Tukahebwa                |
| Main address:                   | Bakijulula, Mubende            |
| Area of operation:              | Mubende                        |
| Link to google maps:            | None                           |
| Phone:                          | 701704979                      |
| Email:                          | None                           |
| Website:                        | None                           |

| Company name:                   | Good Price Gas Energies                   |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG stoves                                |
| Fuel:                           | Liquefied Petroleum Gas (LPG)             |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Charles Rujumba                           |
| Main address:                   | Gayaza, Wakiso                            |
| Area of operation:              | Gayaza                                    |
| Link to google maps:            | Https://maps.app.goo.gl/ydzqpye3hhawykoa7 |
| Phone:                          | 757432078                                 |
| Email:                          | None                                      |
| Website:                        | None                                      |





| Company name:                   | Hass Petroleum                            |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG stoves                                |
| Fuel:                           | Liquefied Petroleum Gas (LPG)             |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self-funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Edwin Kyoloobi                            |
| Main address:                   | Kibuye 2 B, Kampala                       |
| Area of operation:              | Kibuye                                    |
| Link to google maps:            | Https://maps.app.goo.gl/kqllkmxjwqempxxz8 |
| Phone:                          | 757700024                                 |
| Email:                          | None                                      |
| Website:                        | Https://www.hasspetroleum.com/            |

| Company name:                   | Milko gas and kitchen solutions |
|---------------------------------|---------------------------------|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)   |
| Technology:                     | LPG stoves                      |
| Fuel:                           | Liquefied Petroleum Gas (LPG)   |
| Type of business:               | Distribution                    |
| Status of registration - URSB:  | Registered                      |
| Type of registration - URSB:    | Company                         |
| Status of certification - UNBS: | Not certified                   |
| Main source of capital:         | Self funded                     |
| Projects participated in:       | None                            |
| Contact person:                 | Milka                           |
| Main address:                   | Masaka                          |
| Area of operation:              | Country wide                    |
| Link to google maps:            | None                            |
| Phone:                          | 759916345                       |
| Email:                          | Milkokaraks@gmail.com           |
| Website:                        | None                            |

| Company name:                   | Nile Energy  |
|---------------------------------|--|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)                              |
| Technology:                     | LPG stoves   |
| Fuel:                           | Liquefied Petroleum Gas (LPG)                              |
| Type of business:               | Distribution   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Certified  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | None   |
| Contact person:                 | Sharon   |
| Main address:                   | P.O.Box 34308 GAZ House Plot 2, Kireka Road, Old Port Bell |
| iviairi address.                | Road,  |
| Area of operation:              | Kireka   |
| Link to google maps:            | Https://maps.app.goo.gl/QVY5iRjMymhKjyg37                  |
| Phone:                          | 706366976  |
| Email:                          | customercare@nileenergy.co.ug, sales@nileenergy.co.ug      |
| Website:                        | https://www.nileenergy.co.ug/                              |

| Company name:                   | Robtex Gas Center             |
|---------------------------------|-------------------------------|
| Value Chain:                    | Liquefied Petroleum Gas (LPG) |
| Technology:                     | LPG stoves                    |
| Fuel:                           | Liquefied Petroleum Gas (LPG) |
| Type of business:               | Distributor                   |
| Status of registration - URSB:  | Registered                    |
| Type of registration - URSB:    | Company                       |
| Status of certification - UNBS: | Certified                     |
| Main source of capital:         | Self funded                   |
| Projects participated in:       | None                          |
| Contact person:                 | Namukasa Aisha                |
| Main address:                   | Ntawo, Mukono                 |
| Area of operation:              | Mukono                        |
| Link to google maps:            | None                          |
| Phone:                          |                               |
| Email:                          | Aisharobtex@gmail.com         |
| Website:                        | None                          |

| Company name:                   | Smart Cooks Uganda                                       |
|---------------------------------|--|
| Value Chain:                    | Liquefied Petroleum Gas (LPG), Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves, LPG stoves, Institutional   |
| recinology.                     | Cookstoves   |
| Fuel:                           | Liquefied Petroleum Gas (LPG)                            |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Not Registered   |
| Type of registration - URSB:    | None   |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | None   |
| Contact person:                 | Senkungu George  |
| Main address:                   | Katikamu, Luweero  |
| Area of operation:              | Luweero  |
| Link to google maps:            | None   |
| Phone:                          | 704711908  |
| Email:                          | Smartcookuganda@simdif.com,                              |
|                                 | kyeyunewillies@gmail.com                                 |
| Website:                        | None   |







| Company name:                   | Total Services Stations Ntungamo          |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG stoves                                |
| Fuel:                           | Liquefied Petroleum Gas (LPG)             |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital          | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Innocent Gumisiriza                       |
| Main address                    | Ntungamo parish, Ntungamo                 |
| Area of operation               | Ntungamo                                  |
| Link to google maps             | Https://maps.app.goo.gl/crxdwr2yzb9mchv69 |
| Phone                           | 776935463                                 |
| Email                           | None                                      |
| Website                         | None                                      |







| Company name:                   | Ultimate Clean Energies Ltd               |
|---------------------------------|---|
| Value Chain:                    | Liquefied Petroleum Gas (LPG)             |
| Technology:                     | LPG stoves                                |
| Fuel:                           | Liquefied Petroleum Gas (LPG)             |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Emmanuel Mangeni                          |
| Main address                    | Plot 24, Kakungulu Road, Ntinda, Kampala  |
| Area of operation               | Country wide                              |
| Link to google maps             | Https://maps.app.goo.gl/t83ngjrbd4lvdhrr8 |
| Phone                           | 777249473, 0775068953                     |
| Email                           | Emangeni@ultigas.com                      |
| Website                         | Http://www.ultgas.com                     |

| Company name:                   | Westland Gaz Suppliers        |
|---------------------------------|-------------------------------|
| Value Chain:                    | Liquefied Petroleum Gas (LPG) |
| Technology:                     | LPG stoves                    |
| Fuel:                           | Liquefied Petroleum Gas (LPG) |
| Type of business:               | Distributor                   |
| Status of registration - URSB:  | Registered                    |
| Type of registration - URSB:    | Company                       |
| Status of certification - UNBS: | Certified                     |
| Main source of capital:         | Self funded                   |
| Projects participated in:       | None                          |
| Contact person:                 | Inhabited Faith               |
| Main address                    | Mikingo, Kisoro               |
| Area of operation               | Kisoro                        |
| Link to google maps             | None                          |
| Phone                           | 778773509                     |
| Email                           | None                          |
| Website                         | None                          |

| Company name:                   | Action For Relief And Development         |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass                         |
| Technology:                     | None                                      |
| Fuel:                           | Briquettes and Pellets                    |
| Type of business:               | NGO                                       |
| Status of registration - URSB:  | Not Registered                            |
| Type of registration - URSB:    | None                                      |
| Status of certification - UNBS: | Not certified                             |
| Contact person:                 | Ezekiel Kisambira                         |
| Main source of capital:         | Self -Funded                              |
| Projects participated in:       | None                                      |
| Main address:                   | Jinja                                     |
| Area of operation:              | Naguru                                    |
| Link to google maps:            | Https://maps.app.goo.gl/f6marnvsgeog65k18 |
| Phone:                          | 752556599                                 |
| Email:                          | Kisiriraezekiel@gmail.com                 |
| Website:                        | None                                      |





| Company name:                   | Adapt Plus Limited                           |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Contact person:                 | David Nkwanga                                |
| Main address:                   | Katende-Kasanje Rd                           |
| Area of operation:              | Bukere Kyaka II refugee settlement           |
| Link to google maps:            | Https://maps.app.goo.gl/u79wpppuzqejqjmf8    |
| Type of business:               | Manufacturers                                |
| Fuel:                           | Briquettes and Pellets                       |
| Main source of capital:         | Donations and grants                         |
| Projects participated in:       | None   |
| Phone:                          | 772625963                                    |
| Email:                          | Adaptplus@gmail.com                          |
| Website:                        | Https://www.adaptplus.npfug.com              |





| Company name:                   | Africa Earth Keepers                         |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Clean Cooker                                 |
| Status of registration - URSB:  | Not registered                               |
| Type of registration - URSB:    | None   |
| Status of certification - UNBS: | Not certified                                |
| Contact person:                 | Debeesai Ghebrehiwet                         |
| Main address:                   | Kabusu                                       |
| Area of operation:              | Country wide                                 |
| Link to google maps:            | None   |
| Type of business:               | Manufacturers                                |
| Fuel:                           | Briquettes and Pellets                       |
| Main source of capital:         | Donations, self financing                    |
| Projects participated in:       | None   |
| Phone:                          | 775190436                                    |
| Email:                          | Debaigs9@gmail.com                           |
| Website:                        | Https://africaearthkeepers.com               |





| Company name:                   | Agro Energy Briquettes And Stoves            |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology                      | Improved Biomass Cookstoves                  |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Contact person:                 | Sengooba Julius/Atuhaire Brendah             |
| Main address:                   | Kibuye, Entebbe Road                         |
| Area of operation:              | Kampala                                      |
| Link to google maps:            | None   |
| Type of business:               | Manufacturers                                |
| Fuel                            | Briquettes                                   |
| Main source of capital:         | Self financing                               |
| Projects participated in:       | UNACC  |
| Phone:                          | 700302105/708210593                          |
| Email:                          | Agroenergiesug@gmail.com                     |
| Website:                        | None   |

| Company name:                   | Akibui Farmers Briquettes |
|---------------------------------|---------------------------|
| Value Chain:                    | Processed Biomass         |
| Technology:                     | None                      |
| Fuel:                           | Solid biofuel briquettes  |
| Type of business:               | Manufacturing             |
| Status of registration - URSB:  | Registered                |
| Type of registration - URSB:    | Business                  |
| Status of certification - UNBS: | Certified                 |
| Main source of capital:         | Self financing            |
| Projects participated in:       | None                      |
| Contact person:                 | Omoding Paul Emma         |
| Main address:                   | Kumi                      |
| Area of operation:              | Countrywide               |
| Link to google maps:            | None                      |
| Phone:                          | 776687517/ 774506825      |
| Email:                          | Omodingpaulemma@gmail.com |
| Website:                        | None                      |





| Company name:                   | Appropriate Energy Saving Technologies (Aest) Ltd. |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass       |
| Technology:                     | Improved Biomass Cookstoves                        |
| Fuel:                           | Charcoal & briquettes                              |
| Type of business:               | Manufacturing                                      |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified                                      |
| Main source of capital:         | Self-funded  |
| Projects participated in:       | None   |
| Contact person:                 | Betty Ikalany                                      |
| Main address:                   | Soroti, North Eastern Uganda                       |
| Area of operation:              | Soroti   |
| Link to google maps:            | None   |
| Phone:                          | 0704003727, 0701290433                             |
| Email:                          | Ikalanybetty12@gmail.com , ikalanybetty@yahoo.com  |
| Website:                        | Https://aestug.com                                 |



| Company name:                   | Asona Energy Solution               |
|---------------------------------|-------------------------------------|
| Value Chain:                    | Processed Biomass                   |
| Technology:                     | Improved Biomass stoves             |
| Fuel:                           | None                                |
| Type of business:               | Manufacturing                       |
| Status of registration - URSB:  | Registered                          |
| Type of registration - URSB:    | Company                             |
| Status of certification - UNBS: | Not certified                       |
| Main source of capital:         | Self-funded                         |
| Projects participated in:       | UNACC                               |
| Area of operation               | Wakiso                              |
| Contact person:                 | Mwine Mugume                        |
| Main address                    | Wakiso Sub-county, Nakabugo, Kireka |
| Link to google maps             | None                                |
| Phone                           | 772224052                           |
| Email                           | Mgume0@gmail.com                    |
| Website                         | None                                |

| Company name:                   | Athena Eco Briquettes              |
|---------------------------------|------------------------------------|
| Value Chain:                    | Processed Biomass                  |
| Technology:                     | None                               |
| Fuel:                           | Briquettes                         |
| Type of business:               | Manufacturing                      |
| Status of registration - URSB:  | Not registered                     |
| Type of registration - URSB:    | None                               |
| Status of certification - UNBS: | Not certified                      |
| Main source of capital:         | Self-funded                        |
| Projects participated in:       | None                               |
| Contact person:                 | Kivumbi Brian                      |
| Main address:                   | Gombe, Wakiso                      |
| Area of operation:              | Wakiso                             |
| Link to google maps:            | None                               |
| Phone:                          | 702949622                          |
| Email:                          | None                               |
| Website:                        | https://ecobriquette.com/about-us/ |





| Company name:                   | Best Of Waste Limited                        |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Briquettes                                   |
| Type of business:               | Manufacturer                                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Self-funded                                  |
| Projects participated in:       | None   |
| Contact person:                 | Betty Kaddu                                  |
| Main address:                   | Kiteezi Road, Wakiso                         |
| Area of operation:              | Country wide                                 |
| Link to google maps:            | None   |
| Phone:                          | 0772517674, 0703827850, 0772510000           |
| Email:                          | Info@bestofwaste.org                         |
| Website:                        | Https://bestofwaste.org/                     |





| Company name:                   | Bio Innovations Company Ltd                             |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass                                       |
| Technology:                     | None  |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturing   |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Certified   |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | UNACC & NREPP   |
| Contact person:                 |   |
| Main address                    | Buloba, Kasero  |
| Area of operation               | Country wide  |
| Link to google maps             | Https://maps.app.goo.gl/vutzjqpt4djtywi67               |
| Phone                           | 78087016  |
| Email                           | Alex.t@bioinnovations-ug.org / alex.tumukunde@gmail.com |
| Website                         | Bioinnovations-ug.org                                   |





| Company name:                   | Eco scape design solutions Ltd             |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass                          |
| Technology:                     | None                                       |
| Fuel:                           | Briquettes (carbonized and non carbonized) |
| Type of business:               | Manufacturer                               |
| Status of registration - URSB:  | Registered                                 |
| Type of registration - URSB:    | Company                                    |
| Status of certification - UNBS: | Not certified                              |
| Main source of capital:         | Self funded, grants                        |
| Projects participated in:       | None                                       |
| Contact person:                 | Sematimba Henry                            |
| Main address:                   | Kawempe                                    |
| Area of operation:              | Country wide                               |
| Link to google maps:            | Https://maps.app.goo.gl/BNXL7ZetAvdpXFu89  |
| Phone:                          | 0786057280/0704941827                      |
| Email:                          | Ecoscapedesignsolutions@gmai.com           |
| Website:                        | None                                       |





| Company name:                   | Center For Energy And Energy Efficiency Business (CEEB) Limited |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass   |
| Technology:                     | None  |
| Fuel:                           | Pellets and Briquettes  |
| Type of business:               | Manufacturing   |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | None  |
| Contact person:                 | Arthur Mugwanya   |
| Main address:                   | Namungoona, Kampala   |
| Area of operation:              | Kampala   |
| Link to google maps:            |   |
| Phone:                          | 772355382   |
| Email:                          | Mugarthur2002@yahoo.com   |
| Website:                        | Https://www.facebook.com/ceebcompany                            |

| Company name:                   | Centre For Rural Development                                 |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves                                  |
| Fuel:                           | Briquettes   |
| Type of business:               | Manufacturers  |
| Status of registration - URSB:  | Not Registered   |
| Type of registration - URSB:    | None   |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self-funded  |
| Projects participated in:       | None   |
| Contact person:                 | Wilson Bamwerinde  |
| Main address:                   | Kabale, Uganda,  |
| Area of operation:              | Western region   |
| Link to google maps:            | None   |
| Phone:                          | 772541335  |
| Email:                          | Bamwerinde@gmail.com   |
| Website:                        | Https://www.facebook.com/centreforruraldevelopmenteastafrica |





| Company name:                   | Check in Africa Initiative Ltd                        |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass          |
| Technology:                     | Improved Biomass Cookstoves                           |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Grants, Self-funded                                   |
| Projects participated in:       | GIZ, Equity bank projects                             |
| Contact person:                 | Judith Owembabazi                                     |
| Main address:                   | Bukoto  |
| Area of operation:              | Country wide  |
| Link to google maps:            | Https://maps.app.goo.gl/dwywmmmexiev5ld49             |
| Phone:                          | 702080005   |
| Email:                          | Checkinafrica@gmail.com                               |
| Website:                        | Https://ug.linkedin.com/in/judith-owembabazi-6ab6ba47 |





| Company name:                   | Child Way Uganda  |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass  |
| Technology:                     | Improved Biomass Cookstoves   |
| Fuel:                           | Pellets and Briquettes  |
| Type of business:               | Training, Advocacy, Sensitization   |
| Status of registration - URSB:  | Not registered  |
| Type of registration - URSB:    | None  |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Grants, donations   |
| Projects participated in:       | GIZ CPS Protected areas, WWF Strengthening sustainable env. Mgmt. In Karamoja, ENVENTURE - Promoting clean and renewable energies |
| Contact person:                 | Ambrose Oduch   |
| Main address:                   | Acharaethe village, Oyaro Parish, Abim District   |
| Area of operation:              | Abim, Karamoja  |
| Link to google maps:            | None  |
| Phone:                          | 782641615   |
| Email:                          | Ambroseo578@gmail.com   |
| Website:                        | Https://www.facebook.com/childwayuganda   |







| Company name:                   | Clean Energy Partnership For Africa (Cepa)               |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass             |
| Technology:                     | Improved Biomass Cookstoves                              |
| Fuel:                           | Pellets  |
| Type of business:               | Distributors   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self-funded  |
| Projects participated in:       | None   |
| Contact person:                 | David Obong  |
| Main address:                   | CEPA Centre, Ogwanggujji Street, Opposite Mayors Garden, |
| Main address:                   | Lira City. Plot 11, Republic Road,                       |
| Area of operation:              | Countrywide  |
| Link to google maps:            | Https://maps.app.goo.gl/ce6x1zcdyk9tbmht8                |
| Phone:                          | 256 772 551 591  |
| Email:                          | Davidebong30@gmail.com                                   |
| Website:                        | Https://cleanenergy.co.ug                                |



| Company name:                   | Clean environment for africa uganda          |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Charcoal, Briquettes                         |
| Type of business:               | Manufacturer                                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Grants, Self-funding                         |
| Projects participated in:       | PSFU, GIZ projects                           |
| Contact person:                 | Jim Sebadduka                                |
| Main address:                   | Makindye                                     |
| Area of operation:              | Country wide                                 |
| Link to google maps:            | None   |
| Phone:                          | 776628145                                    |
| Email:                          | Cefauganda@gmail.com                         |
| Website:                        | Https://twitter.com/clean_uganda             |





| Company name:                   | Cook And Save Consults                       |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Non carbonized briquettes                    |
| Type of business:               | Manufacturer and Distributor                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Private investment                           |
| Projects participated in:       | Clean cooking project by MEMD                |
| Contact person:                 | Kiyemba Andrew                               |
| Main address:                   | Makerere Kikoni                              |
| Area of operation:              | Kajansi                                      |
| Link to google maps:            | None   |
| Phone:                          | 0775072039, 0701089309                       |
| Email:                          | Cosa.consults@gmail.com                      |
| Website:                        | Www.cookandsavestoves.com                    |

| Company name:                   | Elsmat Conservation Technologies                 |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass     |
| Technology:                     | Improved Biomass Cookstoves & Biomass briquettes |
| Fuel:                           | Briquettes & Charcoal                            |
| Type of business:               | Manufacturer                                     |
| Status of registration - URSB:  | Yes  |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified                                    |
| Main source of capital:         | Self funded                                      |
| Projects participated in:       | GIZ, NREP, UNACC                                 |
| Contact person:                 | Matovu Muhudi/Nakayima Alapha                    |
| Main address:                   | Nyakaizi Kakoba, Mbarara Western Uganda          |
| Area of operation:              | Mbarara  |
| Link to google maps             | https://maps.app.goo.gl/jYnjMoZrsgYgEBPp7        |
| Phone:                          | 758487007/ 0772882968                            |
| Email:                          | Info@elsmat.com/ matovumuhudi87@gmail.com        |
| Website                         | https://s.wps.com/s8HHEMUAyE1B                   |







| Company name:                   | Good Briquette Initiative Ltd             |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass                         |
| Technology:                     | None                                      |
| Fuel:                           | Carbonized Briquettes                     |
| Type of business:               | Social enterprise                         |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Grants                                    |
| Projects participated in:       | None                                      |
| Contact person:                 | Siraje Kamugisha                          |
| Main address                    | Jinja -Nakabango Kamuli road              |
| Area of operation               | Jinja and kampala                         |
| Link to google maps             | https://maps.app.goo.gl/umdewS52CvZo9D7MA |
| Phone                           | 752722880                                 |
| Email                           | Siraje@goodbriquette.com                  |
| Website                         | Www.goodbriquette.com                     |







| Company name:                   | Green Bio Energy Ltd                         |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Briquettes                                   |
| Type of Business                | Manufacturing                                |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Loans, grants                                |
| Projects participated in:       | UNCDF,ECLEI                                  |
| Contact person:                 | Ziwa Hillington                              |
| Main address:                   | Mukono                                       |
| Area of operation:              | Ntinda, Kisenyi and Gayaza                   |
| Link to google maps:            | Https://maps.app.goo.gl/g5qwkc7ombbdoeqea    |
| Phone:                          | 751680638                                    |
| Email:                          | Healingtone@gmail.glll                       |
| Website:                        | Https://www.greenbioenergy.org               |





| Company name:                   | Jeep Organization                            |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Briquettes and Charcoal                      |
| Type of business:               | Manufacturers                                |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Grants and self financing                    |
| Projects participated in:       | None   |
| Contact person:                 | Ruth Kiwanuka                                |
| Main address:                   | Kikaayi-Near kumbuzi                         |
| Area of operation:              | Country wide                                 |
| Link to google maps:            | Https://maps.app.goo.gl/btxvfzlu68kw7hzr6    |
| Phone:                          | 772468662                                    |
| Email:                          | Ruth@jeepflolkecenter.org                    |
| Website:                        | Https://jeepfolkecenter.org                  |







| Company name:                   | Josa Green Technologies Ltd                              |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass             |
| Technology:                     | Improved Biomass Cookstoves, Institutional stoves, Ovens |
| reciniology.                    | and Poultry stoves                                       |
| Fuel:                           | Briquettes   |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not Certified  |
| Main source of capital:         | Self funded, grants                                      |
| Projects participated in:       | UNCDF, GIZ-endev, Creec tested products                  |
| Contact person:                 | Asiimwe Samuel   |
| Main address:                   | Nansana East, Wamala road                                |
| Area of operation:              | Country wide   |
| Link to google maps:            | Https://maps.app.goo.gl/ufzsgttz5sgnulk9a                |
| Phone:                          | 782803019/0704907375                                     |
| Email:                          | Josagreentechnologies@gmail.com/admin@josagreentech      |
|                                 | nologies.org   |
| Website:                        | Https://josagreentechnologies.org                        |

| Company name:                   | Mable Charity Foundation Uganda                           |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass   |
| Technology:                     | None  |
| Fuel:                           | Briquettes  |
| Type of business:               | Distributors  |
| Status of registration - URSB:  | Not registered  |
| Type of registration - URSB:    | None  |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Grants  |
| Projects participated in:       | Envecture Improved Biomass Cookstoves distribution, solar |
| ir rojects participated iri.    | lights  |
| Contact person:                 | Eric Okori  |
| Main address:                   | Plot 40/50 lira city                                      |
| Area of operation:              | Kwania  |
| Link to google maps:            | None  |
| Phone:                          | 772070516   |
| Email:                          | Okoriachoteric@gmail.com                                  |
| Website:                        | No  |







| Company name:                   | Masupa Enterprises Limited                   |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Briquettes                                   |
| Type of business:               | Manufacturer                                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Certified                                    |
| Main source of capital:         | Self funded, grants and loans                |
| Projects participated in:       | PSFU RBF Northern Region. West Nile          |
| Contact person:                 | Margaret Kyamulabi Mary                      |
| Main address:                   | Kagoma/Maganjo                               |
| Area of operation:              | Central and West Nile, Palabeck              |
| Link to google maps:            | Https://maps.app.goo.gl/8f663rnzgadriy7j7    |
| Phone:                          | 772402359/701522502                          |
| Email:                          | Masupaent@gmail.com                          |
| Website:                        | None   |



| Company name:                   | Mukono Energy Saving Against Environmental Degradation Limited |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass  |
| Technology:                     | None   |
| Fuel:                           | Pellets / Briquettes   |
| Type of business:               | Manufacturing  |
| Status of registration - URSB:  | Not Registered   |
| Type of registration - URSB:    | None   |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self financing   |
| Projects participated in:       | Cookstoves distribution in Mukono                              |
| Contact person:                 | Herbert Kafeero  |
| Main address:                   | Kawuga, Mukono   |
| Area of operation:              | Mukono   |
| Link to google maps:            | Https://maps.app.goo.gl/wlqbsbtajvgb34zk8                      |
| Phone:                          | 783656535  |
| Email:                          | Kafeeroherbert25@gmail.com                                     |
| Website:                        | None   |

| Company name:                   | Poyem Agro Farm Gulu University           |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass                         |
| Technology:                     | None                                      |
| Fuel:                           | Briquettes                                |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | UNAAC Expo UMA                            |
| Contact person:                 | Robert                                    |
| Main address                    | Pecce, Gulu                               |
| Area of operation               | Gulu                                      |
| Link to google maps             | https://maps.app.goo.gl/XCUDaRG1NgFLt2d36 |
| Phone                           | 0709937354, 0766146234                    |
| Email                           | Obukrobrt@gmail.com                       |
| Website                         | None                                      |







| Company name:                   | Raising Gabho Foundation                              |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass          |
| Technology:                     | Improved Biomass cookstoves                           |
| Fuel:                           | Briquettes  |
| Type of business:               | Distributor   |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self funded   |
| Projects participated in:       | None  |
| Contact person:                 | Sarah Basemera  |
| Main address:                   | Rubaga road Kabusu Antonio Gutterres community center |
| Area of operation:              | Country wide  |
| Link to google maps:            | Https://maps.app.goo.gl/Mi9nZ3MBfEg7wUum7             |
| Phone:                          | 256 774 02 7767 / +256 701 09 7785                    |
| Email:                          | Sbasemera@raisinggabdho.org                           |
| Website:                        | Https://raisinggabdho.org                             |





| Company name:                   | Seeta Sustainable Energy Group Limited       |
|---------------------------------|--|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | Pellets and Briquettes                       |
| Type of business:               | Manufacturer                                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Self funded                                  |
| Projects participated in:       | None   |
| Contact person:                 | Rebecca Kiza                                 |
| Main address:                   | Namilyano Road,Seeta                         |
| Area of operation:              |  |
| Link to google maps:            | Https://maps.app.goo.gl/s94cvqzcsqrlfprs9    |
| Phone:                          | 774164833                                    |
| Email:                          | None   |
| Website:                        | None   |



| Company name:                   | The Portico Ltd                           |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass                         |
| Technology:                     | None                                      |
| Fuel:                           | Pellets and Briquettes                    |
| Type of business:               | Manufacturing                             |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Loans and private company                 |
| Projects participated in:       | None                                      |
| Contact person:                 | Timothy Mwogeza                           |
| Main address                    | 4127 Bukasa Road.Lower Muyenga            |
| Area of operation               | Kampala                                   |
| Link to google maps             | Https://maps.app.goo.gl/jfoddvug4dzpfn6w8 |
| Phone                           | 752426827/ 701426827                      |
| Email                           | Info@porticouganda.com                    |
| Website                         | None                                      |

| Company name:                   | Tokotoko Energy Consultants                               |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass              |
| Technology:                     | Institutional Cookstoves, Improved Biomass Cookstoves     |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Not Registered  |
| Type of registration - URSB:    | Not Registered  |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self funded   |
| Projects participated in:       | Green heat( trained with ) Partnership with marvel energy |
| Contact person:                 | William Sserwu and Mawada Umar                            |
| Main address                    | Mpererwe mugalu, Kampala                                  |
| Area of operation               | Kampala   |
| Link to google maps             | None  |
| Phone                           | 0745549624, 0753023598                                    |
| Email                           | Umarumawada@gmail.com, sseruwim@gmail.com                 |
| Website                         | None  |



| Company name:                   | Tooro Initiative For Social Economic Development Uganda |
|---------------------------------|---|
| Value Chain:                    | Processed Biomass, Sustainable Solid Biomass            |
| Technology:                     | Cookstoves  |
| Fuel:                           | Briquettes  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self and loans  |
| Projects participated in:       | Bundibugyo local government                             |
| Contact person:                 | Tusiime Gloria  |
| Main address                    | Fort portal   |
| Area of operation               | Countrywide   |
| Link to google maps             | Https://maps.app.goo.gl/eueqk6aavxw9yrjm9               |
| Phone                           | 750470723   |
| Email                           | Tusiimegloria729@gmail.com                              |
| Website                         | None  |

| Company name:                   | All Green                                 |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves               |
| Fuel:                           | None                                      |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not Certified                             |
| Main source of capital:         | Self-funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Sophie Kalanzi                            |
| Main address:                   | Kira town                                 |
| Area of operation:              | Country wide                              |
| Link to google maps:            | Https://maps.app.goo.gl/yh9jzxderfcmz6oza |
| Phone:                          | 702735469                                 |
| Email:                          | Allgreenenergyuganda@gmail.com            |
| Website:                        | None                                      |





| Company name:                   | Arem Clean Energy Solutions               |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves               |
| Fuel:                           | None                                      |
| Type of business:               | Distributor                               |
| Status of registration - URSB:  | None                                      |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self-funded                               |
| Projects participated in:       | UNACC,NREP                                |
| Contact person:                 | ARNOLD BASIIME                            |
| Main address                    | Plot 1027,Mengo,Wakaliga                  |
| Area of operation               | Countrywide                               |
| Link to google maps             | Https://maps.app.goo.gl/z5gautm8y2sfh6k9a |
| Phone                           | 751750750/787268948                       |
| Email                           | Arnold.basiime@gmail.com                  |
| Website                         | Www.supasigiri.com                        |





| Company name:                   | Bbs Energy Construction Company           |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves               |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturers                             |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self-funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Anwami                                    |
| Main address:                   | Mengo                                     |
| Area of operation:              | Central                                   |
| Link to google maps:            | Https://maps.app.goo.gl/FH3V1B4PmtfVi2rK6 |
| Phone:                          | 773922258                                 |
| Email:                          | Bbsenergy33@gmail.com                     |
| Website:                        | None                                      |





| Company name:                   | BM Energy Saving Equipments Limited       |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves               |
| Fuel:                           | Charcoal, firewood                        |
| Type of business:               | Manufacturers                             |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self-funded, grants and loans             |
| Projects participated in:       | RBF, GIZ, UNACC                           |
| Contact person:                 | Namutebi Hanifah                          |
| Main address:                   | Nalumunye Jomayi Estate,                  |
| Area of operation:              | Country wide                              |
| Link to google maps:            | https://maps.app.goo.gl/hk7R2GP8m1ngXE7M6 |
| Phone:                          | 758790263/0701390727/0772690737           |
| Email:                          | Bmenergysavingequipments1@gmail.com       |
| Website:                        | None                                      |



| Company name:                   | Children Care Uganda                               |
|---------------------------------|--|
| Value Chain:                    | Sustainable Solid Biomass                          |
| Technology:                     | Improved Biomass Cookstoves, Solar stoves          |
| Fuel:                           | None   |
| Type of business:               | Manufacturing                                      |
| Status of registration - URSB:  | Not Registered                                     |
| Type of registration - URSB:    | None   |
| Status of certification - UNBS: | Not certified                                      |
| Main source of capital:         | Donations, Grants                                  |
| Projects participated in:       | None   |
| Contact person:                 | Odongo Fredrico                                    |
| Main address:                   | Gulu, Uganda laroo, Dr.aliker road plot 10 Gulu,Ug |
| Area of operation:              | Gulu   |
| Link to google maps:            | Https://maps.app.goo.gl/q6Had6XgC73tnG6c7          |
| Phone:                          | 781404894  |
| Email:                          | Info@childrencareuganda.org                        |
| Website:                        | Https://www.childrencareuganda.org                 |

| Company name:                   | Climate Alert And Forest Conservation Trust |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                   |
| Technology:                     | Rocket Lorena cooking stoves                |
| Fuel:                           | None  |
| Type of business:               | Manufacturer                                |
| Status of registration - URSB:  | Not registered                              |
| Type of registration - URSB:    | None  |
| Status of certification - UNBS: | Not certified                               |
| Main source of capital:         |   |
| Projects participated in:       |   |
| Contact person:                 | Kirungi Derick                              |
| Main address:                   | Hoima-Biiso Road                            |
| Area of operation:              | Countrywide                                 |
| Link to google maps:            | https://maps.app.goo.gl/sFU8CB9eyzs6KgGP7   |
| Phone:                          | 788260670                                   |
| Email:                          | Derick@cafcot.org                           |
| Website:                        | https://www.cafcot.org/                     |

| Company name:                   | Community Organisation For Rural Enterprise Activity Management (Cream) |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves   |
| Fuel:                           | Charcoal  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Not - Registered  |
| Type of registration - URSB:    | None  |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self-funded Self-funded   |
| Projects participated in:       | None  |
| Contact person:                 | Valentine Adinga  |
| Main address:                   | Arua - Pakwach Road   |
| Area of operation:              | Pakwach   |
| Link to google maps:            | https://maps.app.goo.gl/Cor7SzPDRHVyP31x9                               |
| Phone:                          | 772915022   |
| Email:                          | Adingavalentine@gmail.com   |
| Website:                        | https://www.cream.org.ug/   |

| Company name:                   | Count A Woman And Girl Child Concern      |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Improved Biomass Cookstoves               |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Certified                                 |
| Main source of capital:         | Self                                      |
| Projects participated in:       | Community activations                     |
| Contact person:                 | David Olupot                              |
| Main address:                   | Pallisa gogoyo road                       |
| Area of operation:              | Paliisa                                   |
| Link to google maps:            | Https://maps.app.goo.gl/plc4gzy4hzklmyky8 |
| Phone:                          | 782974568/776406696                       |
| Email:                          | Davidhood210@gmail.com                    |
| Website:                        | Https://concernforgirlchild.org           |



| Company name:                   | Energy Uganda Foundation (EUF)        |
|---------------------------------|---------------------------------------|
| Value Chain:                    | Sustainable Solid Biomass             |
| Technology:                     | Improved Biomass Cookstoves           |
| Fuel:                           | None                                  |
| Type of business:               | Manufacture                           |
| Status of registration - URSB:  | Registered                            |
| Type of registration - URSB:    | Company                               |
| Status of certification - UNBS: | Not certified                         |
| Main source of capital:         | Self funded, loans and grants         |
| Projects participated in:       | Cookstoves distribution, Giz projects |
| Contact person:                 | Abdul Busuulwa                        |
| Main address:                   | Busega                                |
| Area of operation:              | Kampala, Wakiso                       |
| Link to google maps:            | None                                  |
| Phone:                          | 0752707474/776707474                  |
| Email:                          | Energyef@yahoo.com                    |
| Website:                        | Https://www.facebook.com/energyugf/   |





| Company name:                   | Hangaana Energy Consult Limited              |
|---------------------------------|--|
| Value Chain:                    | Sustainable Solid Biomass                    |
| Technology:                     | Improved Biomass Cookstoves                  |
| Fuel:                           | None   |
| Type of business:               | Manufacturer                                 |
| Status of registration - URSB:  | Registered                                   |
| Type of registration - URSB:    | Company                                      |
| Status of certification - UNBS: | Not certified                                |
| Main source of capital:         | Self funded                                  |
| Projects participated in:       | Worked with Ugandan girls guides in Isingiro |
| Contact person:                 | Dennise Aijuka                               |
| Main address:                   | Mbarara                                      |
| Area of operation:              | Countrywide                                  |
| Link to google maps:            | None   |
| Phone:                          | 775926657                                    |
| Email:                          | Deniseaijuka@gmail.com                       |
| Website:                        | None   |





| Company name:                   | International Lifeline Fund                           |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                             |
| Technology:                     | Improved Biomass Cookstoves, Institutional cookstoves |
| Fuel:                           | None  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | Not certified   |
| Main source of capital:         | Self financing  |
| Projects participated in:       | Cookstoves distribution                               |
| Contact person:                 | Gloria  |
| Main address:                   | Lira  |
| Area of operation:              | Country wide  |
| Link to google maps:            | Https://maps.app.goo.gl/dpsmn6rfjr7mvp3z9             |
| Phone:                          | 778828634   |
| Email:                          | Gloria@lifelinefund.org                               |
| Website:                        | Https://www.lifelinefund.org                          |

| Company name:                   | Kamoga Store                |
|---------------------------------|-----------------------------|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves |
| Fuel:                           | None                        |
| Type of business:               | Distributor                 |
| Status of registration - URSB:  | Not Registered              |
| Type of registration - URSB:    | None                        |
| Status of certification - UNBS: | Not certified               |
| Main source of capital:         | Self- funded                |
| Projects participated in:       | None                        |
| Contact person:                 | Maria Nakamanya             |
| Main address:                   | Nyendo, Masaka              |
| Area of operation:              | Nyendo, Masaka              |
| Link to google maps:            | None                        |
| Phone:                          | 772314121                   |
| Email:                          | None                        |
| Website:                        | None                        |

| Company name:                   | Mubende Stoves              |
|---------------------------------|-----------------------------|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves |
| Fuel:                           | None                        |
| Type of business:               | Manufacturer                |
| Status of registration - URSB:  | Registered                  |
| Type of registration - URSB:    | Company                     |
| Status of certification - UNBS: | Not certified               |
| Main source of capital:         | Self financing and grants   |
| Projects participated in:       | Stove distribution, RBF     |
| Contact person:                 | Mr. Kakande Osward Kate     |
| Main address:                   | Mubende                     |
| Area of operation:              | Country wide                |
| Link to google maps:            | None                        |
| Phone:                          | 782802914                   |
| Email:                          | Kakandeosward@yahoo.com     |
| Website:                        | None                        |

| Company name:                   | Prime Green Ltd             |
|---------------------------------|-----------------------------|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves |
| Fuel:                           | None                        |
| Type of business:               | Manufacturer                |
| Status of registration - URSB:  | Registered                  |
| Type of registration - URSB:    | Company                     |
| Status of certification - UNBS: | Certified                   |
| Main source of capital:         | Self funded                 |
| Projects participated in:       | None                        |
| Contact person:                 | Jackson Mutegeki            |
| Main address                    | Hoima                       |
| Area of operation               | Countrywide                 |
| Link to google maps             | 1.404185,31.378524          |
| Phone                           | 771448488                   |
| Email                           | Info.primegreen@gmail.com   |
| Website                         | None                        |

## SIMOSHI



| Company name:                   | SIMOSHI                                   |
|---------------------------------|---|
| Value Chain:                    | Sustainable Solid Biomass                 |
| Technology:                     | Mobile institutional Stoves               |
| Fuel:                           | None                                      |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Carbon funding                            |
| Projects participated in:       | GIZ                                       |
| Contact person:                 | Virginia Echeverria                       |
| Main address:                   | Entebbe Rd                                |
| Area of operation:              | Countrywide                               |
| Link to google maps:            | Https://maps.app.goo.gl/hcvysj9kx49wubzd8 |
| Phone:                          | 780269834                                 |
| Email:                          | Virginia@simoshi.org                      |
| Website:                        | Http://www.simoshi.org                    |



| Company name:                   | Spend Smart                 |
|---------------------------------|-----------------------------|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves |
| Fuel:                           | None                        |
| Type of business:               | Manufacturer                |
| Status of registration - URSB:  | Registered                  |
| Type of registration - URSB:    | Company                     |
| Status of certification - UNBS: | Not certified               |
| Main source of capital:         | Self funded                 |
| Projects participated in:       | None                        |
| Contact person:                 | Amuza Kakooza               |
| Main address:                   | Matugga                     |
| Area of operation:              | Wakiso, Kampala             |
| Link to google maps:            | None                        |
| Phone:                          | 784440431                   |
| Email:                          | Spendsmart.co.ltd@gmail.com |
| Website:                        | None                        |







| Company name:                   | Swedo Innovations           |
|---------------------------------|-----------------------------|
| Value Chain:                    | Sustainable Solid Biomass   |
| Technology:                     | Improved Biomass Cookstoves |
| Fuel:                           | None                        |
| Type of business:               | Manufacturer                |
| Status of registration - URSB:  | Registered                  |
| Type of registration - URSB:    | Company                     |
| Status of certification - UNBS: | Not certified               |
| Main source of capital:         | Grants                      |
| Projects participated in:       | None                        |
| Contact person:                 | Richard Kimera              |
| Area of operation               | Bulindo Kirya               |
| Link to google maps             | None                        |
| Phone:                          | 701556188                   |
| Email:                          | Stovesaveug@gmail.com       |
| Website:                        | None                        |







| Company name:                   | Uganda Stove Manufacturers Ltd (Ugastove)            |
|---------------------------------|--|
| Value Chain:                    | Sustainable Solid Biomass                            |
| Technology:                     | Improved Biomass Cookstoves Institutional Cookstoves |
| Fuel:                           | None   |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Not certified  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | None   |
| Contact person:                 | Mustafa kawejja                                      |
| Main address                    | Kayemba Road,Kibuye 1, Kampala                       |
| Area of operation               | Country wide   |
| Link to google maps             | Https://maps.app.goo.gl/5qmqpt7mpj85kzgwa            |
| Phone:                          | 0702674267, 0772674267                               |
| Email                           | Rahazze@gmail.com, ugastove@gmail.com                |
| Website                         | Http://www.ugastove.net/                             |









| Company name:                   | Ebenezer Energy Saving Stoves Limited                |
|---------------------------------|--|
| Value Chain:                    | Other - Solar  |
| Technology:                     | Solar cookstoves, ovens and institutional cookstoves |
| Fuel:                           | Volcanic rocks and solar aided                       |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | None   |
| Main source of capital:         | Self financing & grants                              |
| Projects participated in:       | UNACC, NREP  |
| Contact person:                 | Kiwanuka Benedictal                                  |
| Main address:                   | Makerere hill road                                   |
| Area of operation:              | Country wide   |
| Link to google maps:            | Https://maps.app.goo.gl/37ahtyu5gx5l7lfx9            |
| Phone:                          | 708253600/ 0779187053                                |
| Email:                          | Ebenezerenergysavers@gmail.com,                      |
|                                 | kiwanukabenedcto02@gmail.com, patsempala@gmail.com   |
| Website:                        | Http://ebenezerenergysavingstoves.com/               |







| Company name:                   | Eco Group Ltd  |
|---------------------------------|--|
| Value Chain:                    | Other - Solar  |
| Technology:                     | Solar cookstoves, ovens and institutional cookstoves |
| Fuel:                           | Volcanic rocks, charcoal dust                        |
| Type of business:               | Manufacturer   |
| Status of registration - URSB:  | Registered   |
| Type of registration - URSB:    | Company  |
| Status of certification - UNBS: | Certified  |
| Main source of capital:         | Self funded  |
| Projects participated in:       | UECCC, SNV   |
| Contact person:                 | Rose Twine   |
| Main address:                   | 1078 Ertec Lane, Mengo                               |
| Area of operation:              | Countrywide  |
| Link to google maps:            | Https://maps.app.goo.gl/jwddz8bxjg1ahord6            |
| Phone:                          | 702920729/777045172                                  |
| Email:                          | Info@ecostoves.org                                   |
| Website:                        | Www.ecostoves.org                                    |





| Company name:                   | ECOCA East Africa                                   |
|---------------------------------|---|
| Value Chain:                    | Other - Solar                                       |
| Technology:                     | Cookstoves  |
| Fuel:                           | None  |
| Type of business:               | Manufacturing                                       |
| Status of registration - URSB:  | Registered  |
| Status of certification - UNBS: | Not certified                                       |
| Main source of capital:         | Self-funded   |
| Projects participated in:       | None  |
| Contact person:                 | Ruth Komuntale/Ronald Kaweesi                       |
| Main address:                   | Episcopal conference office Nsambya                 |
| Area of operation:              | Country wide  |
| Link to google maps:            | Https://maps.app.goo.gl/apkxjsmtqwly733q8           |
| Phone:                          | 0703524000, 0773187326                              |
| Email:                          | R.komuntale@pesith.com                              |
| Website:                        | https://ecocaeastafrica.com/index.php/contact-us-2/ |





| Company name:                   | MASRCORP                                  |
|---------------------------------|---|
| Value Chain:                    | Other - Solar                             |
| Technology:                     | Volcanic stoves, Institutional stoves     |
| Fuel:                           | Volcanic stoves                           |
| Type of business:               | Manufacturer                              |
| Status of registration - URSB:  | Registered                                |
| Type of registration - URSB:    | Company                                   |
| Status of certification - UNBS: | Not certified                             |
| Main source of capital:         | Self funded                               |
| Projects participated in:       | None                                      |
| Contact person:                 | Ivan Masaba                               |
| Main address:                   | Sserwanga Musoke Rd,Kira                  |
| Area of operation:              | Kira                                      |
| Link to google maps:            | Https://maps.app.goo.gl/Gv2DN5uZbejvyZCg8 |
| Phone:                          | 782343494                                 |
| Email:                          | Masrcorp@gmail.com                        |
| Website:                        | Www.solarmarket.ug /www.masrcorp.org      |





| Company name:                   | Nature Save Business Solutions Ltd                      |
|---------------------------------|---|
| Value Chain:                    | Other - Solar   |
| Technology:                     | Solar Energy Cookstoves                                 |
| Fuel:                           | None  |
| Type of business:               | Manufacturer  |
| Status of registration - URSB:  | Registered  |
| Type of registration - URSB:    | Company   |
| Status of certification - UNBS: | No  |
| Main source of capital:         | Self financing  |
| Projects participated in:       | Stove distribution, NSSF project and stove distribution |
| Contact person:                 | Kobusingye Vastine                                      |
| Main address:                   | Nateete, Samona building                                |
| Area of operation:              | Country wide  |
| Link to google maps:            | Https://maps.app.goo.gl/ajcen9fsi5kr3wer9               |
| Phone:                          | 772672153/ 0702773479                                   |
| Email:                          | Naturesave.uganda2014@gmail.com                         |
| Website:                        | None  |





Prepared for // NREP Uganda By // Vestal – Xantonn Consortium – Contact: laura@vestalenergy.com Date // 06.10.2025

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