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# RRR-II Start-Ups/SMEs in a Nutshell

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## ABOUT THIS DOCUMENT

This document captures information on six Start-Up/SMEs trained, coached and supported within the context of the Resources Recovery and Safe Reuse (RRR) project – Phase II – in Kampala, Uganda. RRR-II is co-funded by the Swiss Development Cooperation (SDC), and implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and Kampala Capital City Authority (KCCA). Implementation of training and coaching is a team effort on the part of professionals from the College of Engineering, Design, Art and Technology @ Makerere University (CEDAT), cewas (the international centre for water management services), the Swiss Federal Institute of Aquatic Science and Technology (Eawag) and Makerere University Business School (MUBS).

The following Start-Ups/SMEs are presented in a nutshell:

- Solid Waste Systems Ltd.
- Strong Youth for Development International Ltd.
- Lubaga Charcoal Briquette Co-operative Society Ltd.
- Kitambuza Village Initiative
- Sustainable Energy Answers Co Ltd.
- Kasavu Environment Group

The content of this report is the sole responsibility of cewas and does not necessarily represent the position of Kampala Capital City Authority (KCCA), the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and the Swiss Development Cooperation (SDC) or other project partners.

## **SOLID WASTE SYSTEMS LTD.**

Mr. Francis Ndyabawe and Mr. Medad Ainebyoona, the founders of Solid Waste Systems Ltd. (SOWAS), are looking into bioconversion of organic wastes by means of larvae of the Black Soldier Fly (BSF). The BSF larvae shall be sold as high quality feed that is rich in protein (40%) and fat (30%) to piggery and poultry farmers. During the training the team has been operating at a very small-scale on a small plot in a residential area. A Minimum Viable Product (MVP) test with poultry farmers had been successful. However, SOWAS still needs to acquire deeper understanding of technical and operational process knowhow and costs incurred in the production at a larger-scale. Therefore, as of today, it is still more a business idea than a business. They partnered up with the NGO Water for People for knowhow transfer in BSF larvae production.

## **STRONG YOUTH FOR DEVELOPMENT INTERNATIONAL LTD.**

Strong Youth for Development International Ltd. (SY4Din) has been registered in March 2013. It was founded by Mr. Ayesiga John Bosco and co-founded by Mr. Fred Asimwe with a start-up capital of Uganda shillings 8.5 million in cash and assets. SY4DIN is located in Wakiso District and provides brooding kits with compatible briquettes from faecal sludge for heat generation to poultry farmers; energy saving stoves and compatible briquettes to households and institutions; char and manure from faecal sludge to farmers in nursery beds and horticulture; and pavers from faecal sludge to construction companies.

## **LUBAGA CHARCOAL BRIQUETTE CO-OPERATIVE SOCIETY LTD.**

Lubaga Charcoal Briquette Co-operative Society Ltd. (LUCHACOS, formerly known as KALOCODE - Kasubi Parish Local Community Development Initiative) is a registered company owned by Mr. Moses Nadiope. LUCHACOS uses carbonised organic wastes - mainly Matooke residues blended with other seasonal organic wastes such as sugar cane, jackfruit, etc. - to produce stick-type briquettes as affordable and effective source of energy for cooking to institutions (poultry farms, schools, etc.) and low-income households. Their briquettes have been branded "myKOOK" and are registered as trademark under the Trademark Act since June 2016.

## **KITAMBUZA VILLAGE INITIATIVE**

Kitambuza Village Initiative (KVI) is a registered Community Based Organization producing briquettes - an alternative source of energy - from bio-degradable waste for households and institutions (schools, poultry farmers, etc.).

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## **SUSTAINABLE ENERGY ANSWERS CO (SEACO) LTD.**

Sustainable Energy Answers Co Ltd. (SEACO) has been registered as company limited by shares in December 2016. Originally it was operating as a Community Based Organization (CBO) by the name Kyebando Energy and Environment Project (KEEP), which later has been transferred to a company. Located in Kitezi, SEACO is a small enterprise owned by four entrepreneurs: Mr. Joseph Serugo, Mr. Charles Kyamanywa, Mr. George Kakembo, Mr. Mathias Mulumba. SEACO manufactures briquettes from biomass waste providing a compact, smokeless, long-burning and low-cost source of energy suitable for households, restaurants, institutions, bakers and poultry breeders as substitute to traditional sources of energy such as firewood, charcoal, kerosene, LPG (liquefied petroleum gas) and electricity.

## **KASAVU ENVIRONMENTAL GROUP**

Kasavu Environment Group (KEG, formerly known as Community Initiative for Sustainable Development CISD) is a registered company that is located in Kasavu. KEG produces briquettes out of biomass wastes and charcoal dust, trying to solve an immediate household problem of unaffordable fuel.