

Khainza Energy

SEED Low Carbon Award Winner 2018



Clean affordable biogas and biogas systems installations

Khainza Energy is committed to providing clean, safe, and affordable cooking fuel solutions to Ugandans. It is an innovative circular economy business that obtains organic waste from smallholder farms and local households for processing and refinement into high-purity methane. The enterprise's core business involves (a) biogas system installations (primarily for schools), (b) renewable energy systems trainings (for dairy farmers, schools and refugees), and (c) packaging and distribution of biogas cylinders.

Enterprise Financing

Khainza Energy has expanded its revenue-generating business through securing contracts with clients. In 2019, the enterprise generated the majority of its revenue from contracts with schools for biogas system installations. Khainza Energy applies its extensive experience with renewable energy engineering to support trainees with technology adoption and the development of their own biogas businesses.

The enterprise has received around 97,000 USD in grant funding since 2015. This financing has primarily been dedicated to purchasing equipment for packaging cylinders and team trainings.

Growth Strategy and Financial Requirements

Using newly purchased equipment for biogas cylinder packaging, Khainza Energy plans to expand its packaging and distribution activities. Additionally, in light of COVID19 disruptions, the enterprise has shifted its activities to include LPG distribution. Khainza is currently seeking further financing, largely to build on its trainings and develop a vocational school (or renewable energy accelerator) to prepare renewable energy engineers to develop their own businesses through courses around solar system installation, biogas production and agro equipment and solar systems repair.

OVERVIEW

Sector: Clean Energy

Location: Kampala

Product: Biogas Systems Installation,

Packaging & Trainings

Registration Year: 2015

Type: Company ltd. by shares

Annual Turnover (2019): 25,000 USD

TEAM & EXPERTISE

Number of Employees: 5 (full time), 3

(part time), 8 trainees

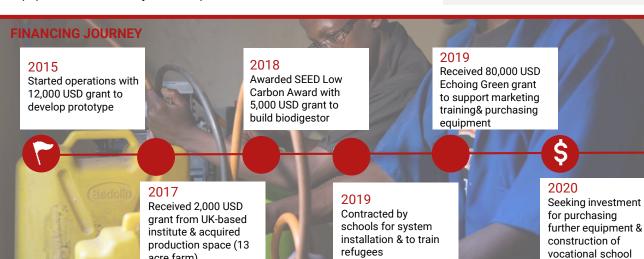
Management Team: CEO, HR, Secretary, Marketing & Sales, Finance, Engineering and Production, R&D

IMPACTS

Environmental: Objective to prevent 6 million kg of CO2 in 5 years by combatting deforestation

Social: Aims to enable access to clean cooking fuel for 7,000 homes in one year and improve access to clean energy for 35,000+ homes

Economic: Aims to create 350 jobs and train 150 renewable energy experts over the next five years



Established by

acre farm)









Funded by