



MAKERERE UNIVERSITY

# MAKERERE UNIVERSITY LIVING LAB

Prof. Dorothy Okello, Dr. Betty Nabuuma, Dr. Mujjuni Francis, Dr. Kasimu Sendawula, Asimwe Paul, Shamirah Najjinda, and Sandra Namyalo



## Kyampisi Community



## 78m-deep Water Well Drilling



## International Mobility Programme



## Project Milestones

1. Community Engagement and Mobilization
2. Constructed Structures
3. Installed 10 kWp Solar PV System
4. Constructed a 16m<sup>3</sup> Biogas Digester
5. Crowdfunding for water project
6. Installed Solar Water Pumping System
7. Research by both MAK & TUM Students

## Living Lab PV System



## On-site Consumption



## Research on Women-led Entrepreneurship and Production of Briquettes and Biogas from Banana Brew Waste



## Way Forward

1. Remote Monitoring of PV System
2. Implement Sustainable Business Case
3. Post-harvest Processing of Coffee
4. Mechanization of Briquette Production
5. Biogas Production
6. Optimise Circular Processes
7. Project Handover to the Community

01/03/24

Contact: Dr. Betty Nabuuma

Email: [betty.nabuuma@mak.ac.ug](mailto:betty.nabuuma@mak.ac.ug)

+256-788-163-469