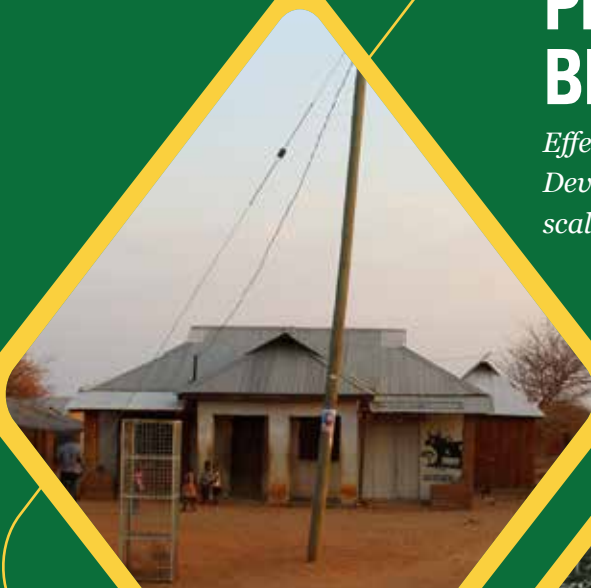


DEVELOPING GRASSROOT ENERGY INNOVATIONS FOR PRODUCTIVE USE AND WELL- BEING IN RURAL TANZANIA

*Effective implementation of need based interventions;
Developing technology, finance and delivery models that are
scalable; And to document learnings and innovation process*



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INTRODUCTION:

With the support of DOEN Foundation, the program has been initiated on sustainable energy + grassroot livelihood innovation development by the local organization KAKUTE. The program focuses on leveraging and developing capacities of local technology, finance ecosystems and local end users who promote Innovative solutions to transform lives in rural Tanzania via Decentralized Sustainable Energy access. The implementation program cuts across farm and non-farm interventions in the regions of Dodoma, Iringa and Morogoro.



OUR KEY AREA FOR INTERVENTION

Innovation and entrepreneurship skills to foster job creation and income generation through promoting the creation of new SMEs and improving the performance and competitiveness of the existing ones.



OUR OBJECTIVES





OUR GUIDING PRINCIPLES:

Utilization of local resources.
Encouragement of innovation and creativity, prioritizing on quality, enhancing coordination, networking, and accepting challenges.



BOARD OF DIRECTOR



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Livinus Manyanga
Executive Director

**TRACK
RECORD OF
EXPERIENCE**

**2019-
2021**

**Nordic Carbon
Finance (NCF)
People Portable
Power (PPP)**



*In collaboration with **People Portable Power (PPP)** and support from **Nordic Carbon Finance (NCF)** we are in the process of development the off grid solution that will enable to extend and increase energy connection in rural community in Tanzania; in two years we will reach 1000 off grid households in the region of Arusha, Manyara , Kilimanjaro and Tanga.*

**2020-
2022**

**Developing
grassroots
energy
innovations for
productive use
and wellbeing in
rural Tanzania**



*The project will be funded by **DOEN** foundation from **Netherlands** In collaboration with **SELCO** foundation from **India**. The purpose is to deploy the last mile energy solution in different geographical contexts in Tanzania Targeting 3 districts in Tanzania mainland.*

**Jan-
Sep
2019**

**KAKUTE
entrepreneur
bridge program**



The project was funded through Australian Aid Program. KAKUTE entrepreneurship bridge program in collaboration with JR Institute of Information Technology (JRIIT) 145 student were trained on entrepreneurship, 23 graduated and 10 were connected to accelerator program at SIDO.

**2012-
2018**

**PAYGO
Project in TZ**



Project was funded by different donor including EEP, DEG and ACF through Mobisol GmbH. The purpose was to introduce energy access solution to lower income off-grid communities in Tanzania. Over seven years the project spread to 21 regions of Tanzania, and electrifying 100,000 households in 59 districts. KAKUTE main role was to create awareness and educate rural communities in access energy solution to improve their standard of living.

2013- 2014

Lighting rural Tanzania project -REA



Through Rural Energy Agency (REA) we got funds from World Bank to support Health center project in Longido District. In collaboration with other stakeholders the Energiebau GmbH from Germany we managed to install a 10Kw Solar mini-grid at the health center. Lerang'wa Health Centre to date it has enough energy to run the theater, x-ray and other facilities in the hospital including the child- and maternal ward of 60 beds and increasing immunization coverage within the area.

2012- 2018

Business Development capacity building at local level



The project was funded by HIVOS Foundation through Netherlands Development Organization (SNV) and CAMARTEC. For three years we worked closely with Biogas construction Entrepreneurs (BCE) offering them with business development services (BDS). 19 biogas contractors and enterprises were formed in Kilimanjaro, Tanga, Arusha and Manyara regions.

Our partner: Include Local Government Authorities, International development organizations and foundations, Academia institutions, R&D Institutions, private sector, small scale entrepreneurs, like minded NGOs, and CBOs.

Name of projects/program

1996 -2000

Tanzania Project for Rural Enterprise Support Services (T-Press)

Major Program Focus

Oil seed value chain development Economic transformation for achieving sustainable economic growth.

**Geographic coverage
(Name of Region & District.)**

Tanzania, Kenya, Uganda Zambia and Zimbabwe.

Donor Name

NIGP & ATI

Name of projects/program

2001-2007

Alternative Resource for Income – Monduli (ARI-Monduli)

Major Program Focus

- Jatropha value chain in Tanzania.
- Biofuel taskforce in Tanzania
- Promote energy demand-side Management measures.

**Geographic coverage
(Name of Region & District.)**

Arusha, Mwanza Singida

Donor Name

McKnight foundation

Name of projects/program

2002-2014

Off grid electrification solution using solar and pure plan generator hybrid system.

Major Program Focus

Application of appropriate energy technologies that are affordable and environmentally sound.

**Geographic coverage
(Name of Region & District.)**

Ruvuma, Arusha, Kilimanjaro, Mwanza, Manyara and Shinyanga

Donor Name

Energiebau GmbH, UNEP and Inwent.

Name of projects/program

2013-2019

Application of PAYGO for off grid electrification.

Major Program Focus

Advocating and promotion or PAYGO off grid electrification in Tanzania

**Geographic coverage
(Name of Region & District.)**

Tanzania, Rwanda and Kenya.

Donor Name

Mobisol GmbH

Name of projects/program

2012-2020

Promoting entrepreneurship development through facilitating improved access of SMEs to financial and non-financial services.

Major Program Focus

Facilitate capacity building in entrepreneurship development. Facilitate adoption of technologies which apply renewable energy.

**Geographic coverage
(Name of Region & District.)**

Afrusha, Manyara, Kilimanjaro, Tanga, Morogoro, Iringa and Dodoma

Donor Name

Embark Energy and SNV

Name of projects/program

2019-2021

Green, scalable, affordable and portable power to off grid families in Tanzania.

Major Program Focus

To provide the necessary training of local partners and responsible for involving local Authorities and for providing professional awareness of technology and dissemination of information throughout the project. The main role of KAKUTE is as following

- Recruitment of 20 LOP design of contract and signed
- Distribution of 1000 units with line of data collected and analyzed
- Training of 20 LOP and after sales services
- Prepare acceleration program
- Training of 25 entrepreneurs.
- Documentation of case examples.

**Geographic coverage
(Name of Region & District.)**

Arusha, Manyara and Kilimanjaro

Donor Name

NCF-PPP

Name of projects/program

2019-2021

Developing grassroot energy innovations for productive use and wellbeing in rural Tanzania

Major Program Focus

- Identify, shortlist and conduct in-depth user research reports energy related issues in farm and non-farm areas.
- To develop innovations (either products or processes) that are need-based and implement them in various contexts with the support of local partners in the broad sectors of health, education, agriculture, livelihoods and overall household well-being.
- To document and capture the learning's in a manner that can be used by other stakeholders to better inform similar interventions

**Geographic coverage
(Name of Region & District.)**

Afrusha, Manyara, Kilimanjaro, Tanga, Morogoro, Iringa and Dodoma

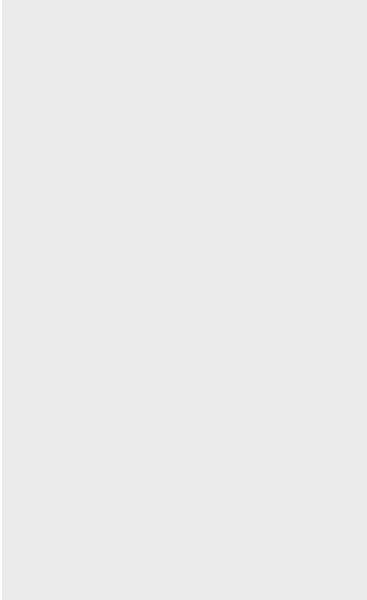
Donor Name

Embark Energy and SNV



STRUCTURE OF THE EXECUTIVE COMMITTEE(EC):

The implementation of the functions of the organization is vested in the Secretariat comprised of the management and staff led by the Executive Director. The Executive Director reports to the Board of Directors in governance matters, and is also a secretary to the Members. Additionally, the Executive Director maintains a relationship with the Development Partners in relation to funding issues. The number of staff and structure of the organization in executing its functions and realizing the organization's objectives and activities, is from time to time, determined by the Board of Directors.



TOTAL NUMBER OF STAFF IN NGO:

Type of staff	Total Number	Men	Women
Regular	7	6	1
Contractual	11	5	7
Volunteer	1	1	

Annual Budget in TSHS in FY 2016; FY 2017, FY-2018, FY 2019, FY 2020, FY 2016

2016	2017	2018	2019	2020
128,148,300	115,314,600	103,022,180	656,212,815	803,645,738



Furnish the list of policy/procedure document/manual in the following

2019
Human
Resource (HR)

The purpose of the HRM is to set down the policies, conditions, rights and obligation of KAKUTE PROJECTS employees subject to their performing of the duties and responsibilities in their job description

2018
Performance
management
system

The main objectives of installing performance management system is to improve the overall organization performance of KAKUTE PROJECTS and to deliver its programs and activities with right quality and in time.

2020
Web site
developed

The purpose of the website development to show what we are doing or what we are offering to the audience, it also helps receiving feedback as well as criticism. To rectify your mistakes and to improve your service quality, a website helps a service.

01

2019
Financial
Management(FM)

The Financial Management manual is one of such conditions that provide the basic framework and guidance to reach the financial goal of making development impact economically and efficiently

02

03

2017
Child Protection
Policy

The purpose of the policy is to enable KAKUTE PROJECTS to play an active role in order to ensure the practice and establish the child rights at the all levels of the society and also within the organization. The policy guided KAKUTE PROJECTS to perform in well functions including strategic and operational planning, resource mobilization and allocation and implementation for ensuring child friendly and child rights project development and implementation for empowering the children that will lead to nation building initiative in larger range of the process.

04

05

2019
Accounting KAKUTE
Projects ware (Quick book)

The purpose of the quick book software is to improve organization's financial management system

06

DEVELOPING GRASSROOT ENERGY INNOVATIONS FOR PRODUCTIVE USE AND WELL-BEING IN RURAL TANZANIA

EFFECTIVE IMPLEMENTATION OF NEED BASED INTERVENTIONS;
DEVELOPING TECHNOLOGY, FINANCE AND DELIVERY MODELS THAT ARE
SCALABLE; AND TO DOCUMENT LEARNINGS AND INNOVATION PROCESS



UPDATES UNTIL NOW:

Dodoma (Kongwa district) region
Wards: Mbala, Mpunguza, Hombolo Makalu, Chahwa, Mbalawala
Main livelihood activities: Sorghum, Maize, Sunflower, processing, Ice making, tailoring, secretariat, Salons, welding, small food vending



Iringa (iringa Rural district) region
Wards: Migori, Ifunda, Izazi, Magozi (Ilole Mpya) and Itunundu (Pawaga)
Main livelihood activities: Fruits cultivation, maize, sorghum, rice, sunflower, cassava, tailoring, carpentry, Salon, etc

Morogoro (Kilombero) region
Wards: Mchombe (Mlimba), Kibaoni, Lumemo and Mwaya in Ifakara
Main livelihood activities: Wheat, rice maize, Groundnut, animal husbandry, fruits; welding, tailoring, breweries, cold storage, secretariat

- Total 10 wards/20 villages in 3 regopms
- 2-3 entrepreneurs in each village - 50 entrepreneurs in total



Our impact: The collective experience of KAKUTE's team and our strong relationships with trusted colleagues around the world allow us to identify and engage key people to work with us on different projects, programs and field assignments. Over the past 24 years, we have worked on the ground in East Africa to create a strong network of practitioners in private companies, government, academia and non-governmental organizations that we can tap into. We leverage our experience and networks to provide world-class planning, execution, management and oversight to deliver solid results.