

**Project Developer**  
Green Impact  
Technologies (GIT)



GIT is a local start-up that is developing innovative deployment mechanisms for clean energy technologies in Malawi, with a focus on marginalised communities.



**Total Project Budget**  
EUR 300 000

**EEP Africa Financing**  
EUR 200 000

**Project Partners**  
National Association for Business Women (NABW), Foundation for Irrigation and Sustainable Development (FISD)

**Type**  
Pilot project  
Stand-alone

**Project Code**  
MWI16055



**Technology**  
Biogas  
Waste-to-Energy

**Location**  
Malawi



# MARKET FOOD WASTE TO BIOGAS ENERGY

This project will pilot an innovative distribution model for waste-to-energy at a vegetable market in Malawi. GIT will establish an energy hub (eHub) at the market that converts biodegradable waste into biogas. The clean energy will be stored and distributed in refillable biogas bags to local households, restaurants and businesses. The biodigester will also convert bio slurry into organic fertilizer that will be sold to smallholder farmers. In addition, the eHub will distribute a range of clean energy technologies to surrounding communities, such as PAYG solar water pumps, solar home systems and improved cookstoves. EEP Africa financing will enable GIT to set up the biodigester and refilling hub in order to test this business model.



## Outcome and Impact

The project will provide a circular economy solution for a local vegetable market. The installed biogas system will generate 0.31 MW of clean energy and reduce 1,909 tCO<sub>2</sub>e emissions during the life of the project. The project will primarily employ women to collect feedstock at the market, manage the eHub and distribute the biogas.

EEP Africa is a financing facility for early-stage clean energy projects in Southern and East Africa. It is hosted and managed by the Nordic Development Fund (NDF) with funding from Austria, Finland and NDF.