

Project Developer
Sistema.bio

Sistema.bio offers a biogas package that produces thermal and mechanical energy and biofertilizer. It is the largest pre-fabricated biogas company in East Africa.



BIOGAS BY WOMEN FOR WOMEN

This project will enable farmers in Kenya to turn animal waste into clean energy and increase their agricultural productivity. The project aims to install 4000 biogas plants at smallholder farms with a focus on women sales agents and beneficiaries. Sistema.bio will strengthen last mile distribution and service capacity through the recruitment and training of new sales agents and technicians. The modular biogas plants will be sold with productive use appliances, offering customers economic savings, increased productivity and income opportunities. With EEP Africa financing, the Sistema.bio will expand into new regions and develop a gender-inclusive approach to recruitment and training.



Total Project Budget
EUR 6 538 695

EEP Africa Financing
EUR 387 411

Project Partners
Value for Women

Type
Scale-up project
Stand-alone

Project Code
KEN15050



Sector
Biogas

Location
Kenya



Outcome and Impact

The project aims to sell 4000 biogas plants and create jobs for more than 80 women. The systems will generate 7,000 MWh of clean energy per year, save EUR 1.1M annually in energy-related expenditure, and reduce 7,400 tonnes of CO₂e emissions by replacing wood, charcoal and other non-renewable energy sources. With a 10-year warranty for each biogas plant, the long-term impact of the project is significant.

EEP Africa is hosted and managed by the Nordic Development Fund (NDF) with funding from Austria, Finland and NDF.

