

RESEARCH AND DEVELOPMENT FUND PROJECT SPOTLIGHT

POWERGEN RENEWABLE ENERGY

EMPOWERING WOMEN THROUGH MINI-GRIDS
AND ULTRA-EFFICIENT CHICKEN AND EGG
INCUBATION

This project will develop and deploy ultra-efficient egg incubators for productive use, targeting mini-grid users who are primarily women in Tanzania.

In Tanzania, raising poultry is culturally associated with women. It also helps give women more income control and a stronger voice in household decision making.

PowerGen Renewable Energy is working to pilot an ultra-efficient egg incubator with existing mini-grid customers. The project will target female poultry farmers and measure the social and economic impacts of egg incubators as mini-grid compatible productive use appliances.

A pilot of 70 incubators will be produced and deployed. The majority of customers will be women, who will be selected through phone surveys and focus groups. A mobile education service will be set up for customers to receive support and information on how to use the incubator. The success of the project will be assessed through ongoing monitoring and evaluation. A socio-economic impact analysis will allow PowerGen to assess the impacts of the project and its effects on women's livelihoods.

The project aims to prove that egg incubators can help improve the livelihoods of women living in rural areas. It also aims to support the mini-grid business model by increasing the income of and energy demands of mini-grid customers.



AT A GLANCE

R&D Awardee

PowerGen Renewable Energy

Efficiency for Access Funding

£129,866

R&D Funding Unlocked from PowerGen Renewable Energy

£ 88,775

Project Locations

Kenya, Tanzania