



Awardee: PESITHO

Project Title: Transitioning Church-based Institutions to Solar-powered eCooking in Kenya

This project is a collaboration between PESITHO, an international technology supplier, specialized in clean cooking solutions, and Mwangaza Light, a Kenyan clean energy distributor. This project will test the commercial viability of PESITHO’s new business model that uses a Power Purchase Agreement (PPA) financial model to build sustainable distribution of institutional electric cooking to church-based institutions in Kenya.

It will evaluate the integration of water treatment technology into the solar-powered eCooking system, and the ability to meet the cooking needs and ease of use in a Kenyan context. Moreover, the project will establish the business value of church-based institutions as a potential huge market segment, and the route-to-market through Mwangaza Light’s “Green Churches Initiative” to transition the religious sector to modern cooking.

Churches are structured into dioceses that run large number of institutions within educational, health, and hospitality sectors; this project will explore in which ways this authority structure may act as a guarantor for payment, as a basis for impact investment and scale-up. The project will generate quantitative and qualitative data analysis of the church-based market segment, which will be discussed with church leaders at diocesan and national level, and it will set up a demonstration site to raise interests amongst church leaders to transition to modern cooking.

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