



Awardee: AGreatE

Project Title: Deployment of Solar-Based eCooking Systems for Institutions and Commercial Operations in Mozambique

AGreatE’s institutional eCooking project in Mozambique aims to deliver clean cooking solutions and net-zero electrification to schools, hospitals, and commercial kitchens without access to grid electricity. By harnessing solar energy and battery storage, paired with highly efficient electric cookware, they will enable institutions to move away from traditional, polluting fuels like charcoal and wood. This project will address two critical challenges: decarbonizing energy usage and providing sustainable clean cooking.

The goal is to equip institutions with solar-based systems capable of powering electric cooking appliances, reducing biomass fuel dependency and improving air quality. Schools and hospitals will benefit from safer, healthier cooking environments, while commercial kitchens can increase efficiency and reduce operating costs. By using solar PV panels and high-efficiency cookware like electric pressure cookers and induction stoves, we will ensure optimal energy use.

This project is a two-in-one solution: it not only provides clean cooking but also supports the broader goal of net-zero electrification. By integrating renewable energy with cooking solutions, AGreatE will contribute to reducing carbon emissions, deforestation, and health risks associated with traditional cooking methods. This approach aligns with Mozambique’s sustainable development goals and creates a replicable model for other off-grid institutions in the region. This project ensures both environmental sustainability and economic viability, paving the way for a cleaner, healthier future.

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