



Awardee: Greenlight Planet

Project Title: Innovative eCooking Solution with Stand-Alone Household Solar PV Systems in Kenya

The goal of this project is to seamlessly integrate clean cooking solutions with an established, sustainable, high-quality, and reliable solar home systems in Kenya. Their aim is to provide cost-effective and efficient energy alternatives to replace traditional sources such as kerosene and charcoal.

Through this project, Greenlight Planet will test innovative configurations of solar cooking technology, conduct pilot implementations, and provide training to local entrepreneurs to facilitate the broader adoption of clean cooking solutions. Ultimately, the aim is to significantly improve access to clean energy, reduce costs, enhance health outcomes, and advance environmental sustainability in underserved areas of Kenya.

The proposed project seeks to validate the feasibility, scalability, and impact of integrating solar cooking technology with their established solar home systems in Kenya. Solar cooking offers a clean, cost-effective, and efficient alternative to traditional energy sources like kerosene and charcoal, which contribute significantly to deforestation, indoor air pollution, and high household energy costs. The objective is to seamlessly blend solar cooking with their solar home systems to provide households with a comprehensive clean energy solution. The project will engage 500 households across urban, peri-urban, and rural settings, evaluating key factors such as usability, cultural acceptance, cooking efficiency, and the potential for household cost savings.

Visit **Greenlight Planet's** website: <https://sunking.com/>