Project Developer
VAC Solar UK

VAC Solar is a UK start up that aims to commercialize solar generation for the poorest households in off-grid rural communities.





COMMUNITY SOLAR HUBS

This project will bring solar power to 100 poor, off-grid communities in the West Nile region of Uganda through a Community Solar Hub (CSH) model. Electricity is generated at the CSH and distributed to local households and small businesses through a smart battery PAYG system using mobile money. The CSH can charge 300 batteries daily, with sufficient capacity to power basic appliances and low voltage machinery. The project empowers women by enabling them to establish a credit record and start a micro-business with surplus battery capacity. The CSH will serve as a business hub and provide secure power to local healthcare providers. EEP Africa financing is needed to roll out the project.



Total Project Budget EUR 3 478 000

EEP Africa Financing EUR 977 000

Project Partner

United Healthcare Distributors, Mobile Power UK, Medical Teams International, Aptech ltd, Quality Medicines for All, Airtel Uganda

Tvpe

Replication project Stand-alone

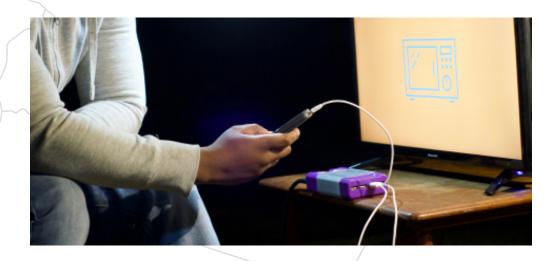
Project Code



Sector Solar PV

Location Uganda





Outcome and Impact

The project's core aim is to support inclusive socio-economic development amongst the poorest quarter of the Ugandan population (10+ million people). Through the Community Solar Hub model, the project will provide access to clean solar energy in 100 communities, and enable 20,000 women to create micro-businesses and engage in productive economic activity. By locating the CSH alongside local health centres and partnering with health companies, the project will enable e-health diagnostic and treatment devices to be used in these communities. The project will improve rural health and financial inclusion, while reducing CO₂e emissions by an estimated 3,300 tonnes annually.

EEP Africa is hosted and managed by the Nordic Development Fund (NDF). It is currently funded by Austria, Finland and NDF. Implementation support is provided by KPMG Finland.