



ENGIE Energy Access

green energy infrastructure project portfolio

“Scaling sustainable and inclusive Solar Home Systems” is a Team Europe funded green energy infrastructure project portfolio developed by **ENGIE Energy Access** across all regions of Uganda.

The project aims to electrify with affordable, clean and reliable solutions more than 1,248,000 people in off-grid communities, including households, businesses and farms. The project has so far sold 67,450 solar-home systems (SHS) to women-led houses, impacting over 900,000 people, and avoided 40,000 cumulative tonnes of CO₂ emissions. **ENGIE** has also opened three additional service centres, with two remaining in the pipeline.

Service centres are key hubs for customer support, sales, and after-sales services, which **ENGIE** opens in proximity to end-users in rural and peri urban areas. Sales agents and solar technicians are locally hired and trained to ensure culturally sensitive and high-quality services on product management and customer support. As part of this financing, three full time employees have been so far hired in targeted communities, enhancing their social and economic development.

“The solar home system has enabled me to sell goods in my shop till late at night and this has increased my earnings. The expenditure on electricity has also drastically reduced”.

Customer Nekesa.



Location:

Uganda (multiple locations across all regions)



Budget:

EUR 7,862,400



Private financing:

ENGIE Energy Access

Team Europe financing: Nordic Environment Finance Corporation (NEFCO) and the Beyond the Grid Fund for Africa (BGFA) Programme, financed by Germany, Denmark, Norway and Sweden



Green energy infrastructure:

The project has currently installed 2.03 MW.



Electricity connections:

The project aims to electrify

~1,248,000 people, by connecting

249,600 households and businesses to a

clean and reliable energy source.

As of November 2024, **203,387** households have been connected to electricity with **67,450** solar-home systems (SHS) sold to women-led houses impacting over 900,000 people.



Climate impact:

The project has so far avoided
40,000 cumulative
tonnes of CO₂ emissions



Social impact:

ENGIE Energy Access Uganda opened three additional service centres in Yumbe, Buyende, and Amuria with two remaining in the pipeline yet to be opened in Oyam and Kaberamaido. These centres are key hubs for customer support, sales, and after-sales services. More than 30% of the programme's beneficiaries are women-led households as of July 2024.



The solar system saved me from unreliable electricity, and my child now has stable light to read her books".

Customer Opili.



Solar energy is good and saved me from being in darkness".

Customer Okaron.



High-quality standards on end-of-life management of the SHS are captured in **ENGIE's** internal policies and operationalised through the service centres. Customers are trained on self-troubleshooting, and solar agents pick-up end-of-life solar panels and batteries. These components are dispatched to Kampala, where they are repaired, repurposed and recycled.

ENGIE Energy Access and the **Beyond the Grid Fund for Africa (BGFA)** each contribute equally to the project's financing. **BGFA** is a multi-donor funding facility managed by the Nordic Environment Finance Corporation and financed by Germany, Denmark, Norway and Sweden. The **BGFA** supports **ENGIE Energy Access** through a Result-Based Financing agreement that reduces the price of the SHS for customers.



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Team Europe Project Partners:



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