

Project Developer
Agsol

Agsol is a start-up that manufactures leading-edge, solar-powered, agro-processing machines for off-grid farming communities.



A G S O L

Total Project Budget
EUR 1 612 176

EEP Africa Financing
EUR 787 192

Project Partners
Rent to Own, Mwezi, SolarGen, SimuSolar, RISE/PCL, SolarNow, Power Trust

Type
Pilot project
Stand-alone

Project Code
REG14320

Sector
Solar PV

Location
Kenya, Tanzania,
Uganda, Zambia

SOLAR MILLS: POWERING RURAL PRODUCTIVITY

This project will develop and distribute a network of solar mills in rural areas to provide access to renewable energy for milling and other productive uses. Agsol's Gen2 solar mills are purpose built to meet the staple food processing needs of African farms, while also incorporating the Internet of Things (IoT) technology and cloud computing that allows for remote monitoring. Linking productive agricultural machines to solar power offers off-grid communities a solution for income generation, food processing and access to meaningful and scalable energy. With EEP Africa financing, Agsol will develop new markets and distribute mills through local partners in Kenya, Tanzania, Uganda and Zambia.

Outcome and Impact

The project aims to sell 570 solar mills in four countries, providing 45,000 rural households with access to renewable energy and a tool for economic growth. The machines improve agricultural processing and enable other commercial activities. This generates income savings and boosts labour efficiency, which has broad socio-economic benefits for rural communities, especially for women and girls. Overall the project experts to reduce 90,684 tonnes of CO2e emissions and generate 390 MWh of clean energy per year.



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