

Project Developer
Mobility for Africa

Mobility for Africa is a women-led start up in Zimbabwe that is developing renewable community-based transport solutions for Africa.



Total Project Budget
EUR 862 234

EEP Africa Financing
EUR 500 000

Project Partners
Dairibord Holdings, We Effect, Association of Dairy Farmers, LMAC

Type
Scale up project
Stand-alone

Project Code
TAN16663


Technology
Solar PV

Location
Zimbabwe



OFF-GRID RENEWABLE ENERGY RURAL MOBILITY PLATFORM

This project will scale up an e-mobility pilot in Zimbabwe providing electric three-wheeled vehicles to rural customers, mainly women, on a rent-to-own and lease basis. Mobility for Africa's e-tricycles are optimised for local conditions and can carry up to 400 kg, which improves access to markets and services for smallholder farmers and entrepreneurs. The vehicles run on bespoke long-life batteries charged by renewable energy. EEP Africa financing will enable Mobility for Africa to establish two solar-powered charging stations and set up a fleet management system with small scale dairy farmers in Chipinge District and with egg producers in Goromonzi District.



Outcome and Impact

The project will establish two solar charging stations and roll out 150 e-tricycles. The battery-charging platform will reduce greenhouse gas emissions while providing high-value mobility services. The e-tricycles also have the capability to power off-grid agri-related appliances. The project will advance productive use of energy in rural communities and improve access to markets and income opportunities for women.