



Rural electrification, Uganda

Essential facts and figures

| | |
|--|---|
| Project activity | Development and subsidy of a «ready board», which combines power outlets, fuses, lamp sockets and electric metres, and thus replaces in-house wiring. |
| Project site | Uganda |
| Project owner | Ugandan Rural Electrification Agency (REA) |
| Start date of operation | 2017 |
| Project duration | 2017 to 2024 |
| Quantity of emission reductions (in tonnes of CO₂) | 990'000 CERs with an option for a further 420'000 CERs (CCF share of around 20%) |

Project description

Uganda has set itself the ambitious goal of raising the rural electrification rate from currently around 7% to 26% by 2022. In order to meet this target, the government has decided to fully take on grid connection costs incurred by rural households. In-house wiring costs remain the responsibility of individual households. However, studies show that 27% of rural households cannot afford such costs.

In order to lower the cost of in-house wiring, the project is developing a so-called «ready board», which combines power outlets, fuses, lamp sockets and electric metres, and thus replaces in-house wiring. Wiring costs can thereby be reduced by almost 50% per household. The project covers the free distribution of around 82'000 «ready boards» to the poorest households.

Overall, more than 300'000 households are to be newly connected to the power grid, reducing over 1 million tonnes of CO₂. The World Bank's «Carbon Initiative for Development» (Ci-Dev), in which the Climate Cent Foundation holds a share, purchases 990'000 tonnes of CO₂, with an option to redeem a further 420'000 CERs as needed.

Project status

The project was registered by the UN in August 2015 as n° 10186.

In March 2017, the technical specifications of the «ready boards» were approved by the competent authorities. Installation is scheduled to start in 2018 and all «ready boards» should be installed by 2020.

Project owner

Uganda's Rural Electrification Agency (REA) is in charge of implementing the national strategy for the electrification of rural households.

For further information
Marco Berg, Managing Director
Tel: +41 (0)44 387 99 02