



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)	2 million 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 7% in 2015 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.

Overall, around 1 million households are to be newly connected to the power grid, reducing over 2 million tonnes of CO₂ by 2024. The World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share, purchases 2 million CERs, with an option to purchase a further 420'000 CERs as needed.

Project status (July 2023)

The project was registered by the UN in August 2015 as n° 10186. To date, 130'342 CERs have been delivered to the CCF.

Around 19'000 «ready boards» funded by the programme are currently in operation.

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
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