



Solar home systems, efficient cook stoves, Rwanda

Essential facts and figures

Project activity	Off-grid solar-home-systems
Project site	Rwanda
Project owner	Ministry of Finance and Economic Planning (MINECOFIN)
Start date of operation	2022
Project duration	2022 until 2024
Quantity of emission reductions (in tonnes of CO ₂)	1.219 million SCF-certificates (CCF share 21%)

Project description

The Rwandan government provides off-grid solar home systems and clean cooking stoves. Almost all Rwandan households cook using biomass, mainly non sustainably used firewood. The spread of efficient and clean cooking stoves lowers the consumption of firewood, reducing carbon emissions and protecting valuable forests. Off-grid solar home systems can supply electricity to millions of people living in remote rural areas at a remove from the power grid. They also reduce reliance on fossil fuels such as kerosene, often used in Rwanda to operate generators for local electricity production.

The funds provided by the Ci-Dev were used to subsidise the distribution and the sale of an additional 10'000 off-grid power systems and 300'000 efficient and clean cooking stoves, which will benefit low-income households.

The World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share, is purchasing 1.219 million certificates issued under the World Bank's "Standardised Crediting Framework" (SCF) for emission reductions generated over the period 2022 to 2024.

Project status (July 2025)

The project was registered by Rwanda under the SCF in 2023.

418'000 cook stoves as well as 616'000 solar home systems have been installed.

Project owner

The project is being run by the government of Rwanda, represented by the Ministry of Finance and Economic Planning (MINECOFIN).

For further information
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