



Rural electrification, Mali

Essential facts and figures

Project activity	Support for upgrading stand-alone diesel systems with photovoltaic equipment and subsidised sale of solar lamps to households that are not connected to stand-alone systems.
Project site	Mali
Project owner	Malian Agency for Rural Electrification (AMADER)
Start date of operation	2017
Project duration	2017 to 2024
Quantity of emission reductions (in tonnes of CO₂)	400'000 certificates with an option for a further 101'000 certificates (CCF share of around 20%)

Project description

The project strengthens the ability of the Malian Agency for Rural Electrification (AMADER) to reengineer the country's existing 250 diesel stand-alone systems into hybrid diesel/photovoltaic stand-alone systems. This reengineering makes it possible to reduce greenhouse gases and electricity generation costs. The price of electricity for connected households can be reduced accordingly. Thanks to the capacity building supported by the project, in future AMADER plans to build only diesel/PV stand-alone systems.

A second aspect of the scheme is to encourage the subsidised sale of up to 750'000 high-quality solar lamps. Combined with awareness-raising measures, the subsidies are meant to enable high-quality solar lamps to break through in Mali.

The World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share, purchases 400'000 tonnes of CO₂, with an option to purchase a further 101'000 CERs as needed. Due to the country's sustained political instability, the project was not implemented as planned.

Project status (July 2024)

The project was registered by the UN in June 2018 as n° 10429. To date, around 100'000 solar lamps and 41 stand-alone solar systems with an overall power of 7 MW_e have been installed.

Project owner

The Malian Agency for Rural Electrification (AMADER, Agence malienne pour le développement de l'énergie domestique et l'électrification rurale) is in charge of implementing the national strategy to grant access to electricity to 61% of rural households by 2033.

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