



Rural electrification, Mali

Essential facts and figures

Project activity	Support of the upgrade of stand-alone diesel systems with photovoltaic facilities and subsidised sale of solar lamps to households that are not connected to the stand-alone systems.
Project site	Mali
Project owner	Malian agency for rural electrification (AMADER)
Start date of operation	2017
Project duration	2017 to 2025
Quantity of emission reductions (in tonnes of CO₂)	400'000 CERs with an option for a further 101'000 CERs (CCF share of around 20%)

Project description

The project strengthens the ability of the Malian Agency for Rural Electrification (AMADER) to reconfigure the country's existing 250 diesel stand-alone systems to hybrid diesel/photovoltaic stand-alone systems. This reconfiguration 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 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 project should reduce around 500'000 tonnes of CO₂, of which 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 redeem a further 101'000 CERs as needed.

Project status

The project application has been validated and first projects are scheduled for implementation by mid-2018. The stand-alone systems and the solar lamps are planned to be upgraded or sold by 2021.

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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