



# Rural electrification, Mali

## Essential facts and figures

<b>Project activity</b>	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.
<b>Project site</b>	Mali
<b>Project owner</b>	Malian Agency for Rural Electrification (AMADER)
<b>Start date of operation</b>	2017
<b>Project duration</b>	2017 to 2024
<b>Quantity of emission reductions (in tonnes of CO<sub>2</sub>)</b>	66'000 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 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 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 is to reduce around 500'000 tonnes of CO<sub>2</sub>, of which the World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share, purchases 66'000 tonnes of CO<sub>2</sub>, with an option to purchase a further 101'000 CERs as needed.

## Project status (July 2023)

The project was registered by the UN in June 2018 as n° 10429. To date, around 100'000 solar lamps and more than 7 MW<sub>e</sub> in stand-alone solar systems 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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