



Household biogas units, Burkina Faso

Essential facts and figures

Project activity	Subsidised construction of small-scale biogas units for rural households in Burkina Faso.
Project site	Burkina Faso
Project owner	Dutch development organisation SNV
Start date of operation	2014
Project duration	2014 to 2024
Quantity of emission reductions (in tonnes of CO₂)	325'000 CERs (CCF share of around 20%)

Project description

Burkina Faso operates a national biogas programme in order to foster the use of household biogas units. The programme launched in 2014. The programme's financial backing was phased out in 2018. The sale of emission reductions achieved under the programme makes it possible to maintain and reinforce this successful scheme, installing 35'000 biogas units and reducing greenhouse gas emissions by 325'000 tonnes of CO_{2e} by 2024. These emission reductions are purchased by the World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share.

The biogas units are built underground and topped off with domed masonry work. They have a capacity of 3 to 6 m³ and require dung from at least three heads of cattle to be processed into biogas. The biogas replaces non-sustainably used wood for cooking purposes. The nutrient-rich sludge generated as a by-product can be used as fertiliser. Households are thus able to reduce their fuel and fertiliser expenses, spend less time gathering wood, and improve their health by inhaling fewer pollutants when cooking.

Project status (July 2023)

The project was registered by the UN in June 2014 as n° 9977. To date, 28'342 CERs have been delivered to the CCF.

The national biogas programme launched in 2014 and – thanks to the purchase of emission reductions by the Ci-Dev – it is being continuously expanded. Around 12'000 biogas units subsidised by the programme are currently in operation.

Project owner

The Dutch development organisation SNV has been operating successful biogas programmes in Asia and Africa for many years. SNV is working closely with the national government within the framework of Burkina Faso's national biogas programme.

For further information
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