



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 2025
Quantity of emission reductions (in tonnes of CO₂)	136'420 CERs and 148'222 SCF-certificates (CCF share of 21%)

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 biogas units were 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.

The World Bank's "Carbon Initiative for Development" (Ci-Dev), in which the Climate Cent Foundation holds a share, is purchasing 136'420 CERs generated by the project over the period 2016 to 2020 and 148'222 certificates issued under the World Bank's "Standardised Crediting Framework" (SCF) for emission reductions generated over the period 2021 to 2025.

Project status (July 2026)

The project was registered by the UN in June 2014 as n° 9977 and by Burkina Faso under the SCF in 2025.

The national biogas programme was launched in 2014. Due to the sustained political instability, only one third of the planned 35'000 biogas units were installed. Around 12'500 biogas units subsidised by the programme have been 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
Marco Berg, Managing Director
Tel: +41 (0)44 387 99 02