

**CONSTRUCTION OF
BOREHOLE AT KAMBISA!
COMMUNITY CENTRE
CHILONGA
MPIKA, ZAMBIA**



BACKGROUND

This project is designed to provide the Kambisa! community centre located in Chilonga (Zambia) with easy access to safe and clean water. Currently, the water supply system stems from a spring on the mountains. This source is contested and the connected pipelines frequently break down, resulting in serious water shortages and contamination. The construction of a new borehole aims to reduce the dependency for the centre and its neighbours, and take some pressure of the existing water infrastructure.

Completing the first phase of the project (drilling of the hole, putting pipes, boxes and valve chamber), will cost 3.000 Euro. The project will be executed by a local contractor, assisted and supervised by Chilonga community members and Kambisa! Netherlands.

OBJECTIVES

- Providing clean drinking water for the centre and neighbouring communities
- Create safe and easy access to water in a less labour intensive manner

CONSTRUCTION OF BOREHOLE

The area has proved to have a good discharge of groundwater. After installing the borehole (phase 1), it will be extended with a solar powered pump (phase 2) and the water will be stored in large reservoirs (phase 3).

The water will be distributed from the reservoirs by gravity through pipelines, to the community centre and to two taps.

A water distribution line and additional taps can be constructed at a later phase, creating a water distribution system that can easily be extended if additional funds are secured.

CONTACT US

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SUSTAINABILITY

Project beneficiaries will pay minimum water charges to sustain operation and maintenance of the installation. The local treasurer will be responsible for collecting money from the water users. Members of the community centre may be able to contribute in kind or services. This way, we can also provide families with insufficient financial means with access to safe water.

The owners of the land for the community centre have made their plot available for the construction of water tanks, reservoirs, pipelines and distribution points. To keep maintenance costs at a minimum, staff of Kambisa! and the local community will be trained to provide non-specialist labour on the borehole.

Kambisa! will provide the necessary technical backup as well as regularly monitoring to ensure it meets the desired objectives of the project at the required standards. Financial and progress reports will be provided at key points of the project, and be incorporated in the year reports.



COMMUNITY INVOLVEMENT

Project beneficiaries will pay minimum water charges to sustain operation and maintenance of the installation. The local treasurer will be responsible for collecting money from the water users. Members of the community centre may be able to contribute in kind or services. This way, we can also provide families with insufficient financial means access with access to safe water.

The owners of the land for the community centre have made their plot available for the construction of water tanks, reservoirs, pipelines and distribution points. Apart from the hired professionals, trained staff of Kambisa! and the local community will provide non-specialist labour needed for the construction and maintenance of the borehole.

Kambisa! will provide the necessary technical backup as well as regularly monitoring to ensure it meets the desired objectives of the project at the required standards. Financial and progress reports will be provided at key points of the project, and be incorporated in the year reports.

ACTIVITIES AND PROPOSED BUDGET (EUR)

Borehole construction	2,500
Reservoir & valve chamber	150
Water distr. points (2x)	200
Transportation costs.	150

TOTAL BUDGET. 3,000