

Chitambo Mothers' Shelter Receives Solar Geysers (Central Province, 2025)

BACKGROUND

Chitambo District Hospital in Central Province is one of few places in the area where women can give birth safely, making many expectant mothers travel long distances. However, there was no accommodation near the hospital to use while waiting before. In early 2025, Rotary Club donors and Friends of Chitambo supported the construction of a new Mothers' Waiting Shelter. Solar geyser units were donated for the shelter, however, they were not functional. As a result, the facility lacked reliable hot water for bathing and cleaning, which reduced both comfort and hygiene for the mothers.

3 GOOD HEALTH AND WELL-BEING



2 hybrid solar geysers installed

+500 mothers and escorts benefiting

ZMW 100,000 invested (approx. \$5000 USD)



ENGINEERS WITHOUT BORDERS



ZAMBIA



Friends of Chitambo

S.C.I.O

PROJECT DESCRIPTION

In April to May 2025, Engineers Without Borders (EWB) Zambia, in collaboration with Friends of Chitambo, assessed donated solar geyser units intended for the shelter. Since they were not functional, the team procured and installed new hybrid solar geysers, ensuring the availability of hot running water. Hot water is especially important during the cool season and for newborn care. The systems were commissioned on 15 May 2025, providing mothers with safe and dignified facilities for personal hygiene and daily use. It contributes directly to SDG 3: Good Health and Well-Being.

BUDGET & IMPLEMENTATION

The project represents an investment of ZMW 100,000 (approx. USD 5,000). Funding came from charitable donations and hospital contributions. This covered the procurement of hybrid solar geysers, plumbing, piping, support structures, installation, and commissioning. Implementation emphasized reliability, durability and low maintenance to align with the hospital settings. The improvement has encouraged more women to use the shelter, increasing supervised deliveries at the hospital. The geysers were officially commissioned on 15 May 2025 during a ceremony attended by hospital leadership and local Chiefs, highlighting strong collaboration between government, engineers, and community partners.

Project executed 2025

April X

Assessment of donated solar geysers.

May 15

Project was commissioned during a ceremony attended by hospital leadership and local Chiefs.

For additional project information, email:
info@ewbzambia.org

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