



# Energising Development (EnDev) in Mangochi

Implementing partner: EnDev / GiZ and sub-contractors: Sunfire, Differ and

Programme period: 15<sup>th</sup> September 2019 – 30<sup>th</sup> June 2022 (no cost extension until 30<sup>th</sup> September 2022)

Budget: 715.000 Euros

Location: Mangochi District – TAs: Lulanga, Makanjira, Namabvi, Mponda, Nankumba, Jalasi, Bwanayambi

**Summary:** Iceland's partnership with GIZ-Energising Development programme (EnDev) focuses on providing schools and health facilities with access to clean and renewable solar energy, increasing the use of clean and more fuel efficient cookstoves, and supporting off-grid households with small-scale solar appliances.

Four schools and four health facilities, and their surrounding staff houses were electrified with solar power and seven cooking shelters were constructed at health centres in Mangochi District, providing access to cleaner cooking for patients and the guardians.

Other components of the project were the development, testing and piloting of the Chitofu 3-in-1, a fuel-efficient fish processing stove, and market development for solar products and energy saving cookstoves in rural communities.



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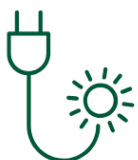
A total of 23 buildings were fitted with solar electricity systems. This includes **4 school compounds, 4 health compounds, and 15 surrounding staff houses.**



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cooking shelters have been constructed at **seven health facilities.** Each shelter is equipped with ten Chitetezo Mbaula Stoves, **which save 60% more energy than regular cooking stoves.** The shelters were also fitted with solar power lighting for easier use in the dark and greater security.

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solar products have been sold by promoters for **market development.** These products range from small lighting solar lamps (picoPV) to bigger solar home systems.



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**Chitofu 3in1 energy saving fish processing stoves** were delivered to local fish entrepreneurs that process (parboil, fry and smoke) their fish to retail/wholesale across Malawi. The stoves **save over 80% firewood** in comparison to the traditional open fire method.