

# YORGHAS FOUNDATION



**Project location:** Tanzania



**Sector:** Environment



**Beneficiaries:** Poor families



**Funding:** 20 000 USD

## FAST FACTS

- ♥ **2.4 billion** people around the world cook on open fire
- ♥ In Africa, woodfuel is a main source of energy for **two-thirds** of all households.
- ♥ Forests provide fuel for heating, cooking and industrial needs.
- ♥ It takes **3h a day** to source fuel for a family to cook dinner.
- ♥ **4.000.000** ha of forests are lost each year in Africa.
- ♥ More than **700 million** women are engaged in woodfuel collection and trade.
- ♥ **20%** of family income is spent monthly on fuel.
- ♥ Close to **4 million** people die from illness attributable to household air pollution from inefficient cooking practices using polluting stoves paired with solid fuels and kerosene.

**OUR GOAL:** Protection of the natural environment, improvement of health and wellbeing of most vulnerable communities in Tanzania

## Challenge

More than 90% of households in Tanzania are still depending on firewood or charcoal for cooking. The overwhelming dependence on biomass for meeting basic cooking and heating needs is a major cause of poverty in Tanzania. **It also causes health problems to women and girls, and leads to deforestation, soil degradation, and climate change.** Families who have no consistent source of income force women and girls to walk long distances into dangerous territories and put them at risk for rape and violent attacks.

## Solution

This project will reach 50 most vulnerable households in Tanzania. Each family will receive one Biomass Briquetting Press and one biomass crusher. Most vulnerable families will no longer depend on trees/firewood for cooking. Women and girls will avoid diseases caused by smoke, save time for collecting firewood. This is also a global benefit for climate change mitigation.

We will provide most vulnerable families with an innovative solution, which converts easily accessible biomass to cooking fuel.

Local beneficiaries will be trained how to produce, promote and distribute the biomass briquettes.

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