



## CLEAN COOKSTOVES – ETHIOPIA

*The Ethiopian coffee sector is threatened by deforestation and climate change. Coffee is extremely sensitive to rising temperatures. An increase of 1° C causes a loss of quality, 2° C leads to productivity loss, and at 3° C the coffee plant has difficulty to survive. Especially small scale farmers are severely affected. They are dependent on the income their land generates and are financially unable to withstand the consequences.*

### PROJECT IN DETAIL

The rapid deforestation in Ethiopia is directly related to poverty. As people need to sustain their livelihoods, 46% of felling is due to daily energy needs. A second cause is the need for new arable land. Most farming families are dependent on coffee for 75% of their income.

The project contributes to economic prosperity, social well-being, environmental sustainability and climate change resilience in Ethiopia by preserving ecosystems that are crucial to sustainable livelihoods for the coffee farming communities in Ethiopia.

In collaboration with OCFCU (Oromia Coffee Farmers Cooperative Union) and local women producing groups, the project aims to distribute 40,000 improved cooking stoves to 20,000 coffee farmers. The project is managed by OCFCU and local community members. The participating households own the improved cooking stove and the accompanying carbon credits. The project's main goal is to invest in the community by providing extensive education and capacity building in the BoP clean cooking sector. FairClimatFund provides access to finance and OCFCU provides the households with access to affordable clean energy.

This project additionally reduces drudgery for women (due to reduced fuel wood need) who spend long hours travelling long distances to collect fuel wood. The project empowers women by giving them an important role in the project and also within the community.

#### ECONOMICAL BENEFITS

- 🔄 More time for income generating activities
- 🔄 Extra income through the sale of carbon credits
- 🔄 60 Permanent and temporary jobs created
- 🔄 30 min. time savings per day

#### HEALTH BENEFITS

- 🔄 Reduction of indoor air pollution and therefore;
- 🔄 Less respiratory problems
- 🔄 Less premature deaths
- 🔄 Harmful soot reduced by 24-45%

#### ENVIRONMENTAL BENEFITS

- 🔄 Reduction of 2,1 tonnes CO<sub>2</sub> per household per year
- 🔄 Total of 240,000 tonnes CO<sub>2</sub> reduced in the first 6 years
- 🔄 50 % less wood usage
- 🔄 Training for farmers to improve forest management

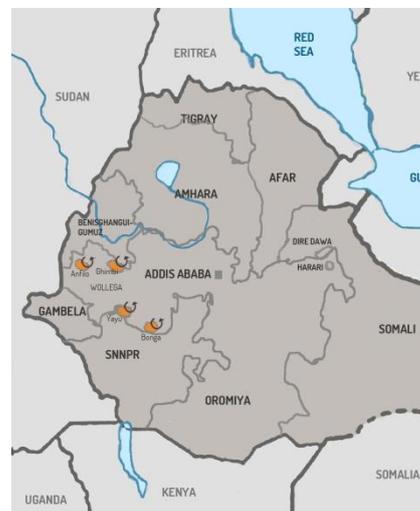
# CLIMATE NEUTRAL FAIRTRADE COFFEE CHAIN

## FAIR CARBON CREDITS

FairClimateFund, in collaboration with OCFCU, invests in the distribution of 40,000 improved cook stoves for coffee farmers in Ghimbi, Ethiopia. Every year the cookstoves produce carbon credits which are transferred to FairClimateFund for a fair price plus a premium until the investment is paid off. After the investment is paid back to FairClimateFund the households are entitled to market the carbon credits generated through the use of the cookstoves and earn income from the sales of carbon credits for additional years.

## GOLD STANDARD

FairClimateFund only invests in projects that are run by local partners and qualify for Gold Standard Certification. Gold Standard guarantees the additionality of the project, the environmental and social benefits locally and is internationally recognized as the highest standard for carbon credit certification.



### LIVE FROM ETHIOPIA

Woyifu Asefaw lives with her family of four in Bule Chala, Ethiopia. Each morning she prepares stew for her family and twice a week she bakes injera's. Per cooking turn she needs an 'arm full of wood'. Since Woyifu switched to the new cookstove she only needs to buy one bundle of wood instead of two bundles per week. This saves her 15 birr per week. But she experiences the reduced indoor smoke as biggest advantage of this solution.



### COOKSTOVE CARBON CREDITS

- 🔄 In registration
- 🔄 CPA CDM 9672 – GS3374
- 🔄 40,000 tonnes yearly
- 🔄 Gold Standard CER

