



# TGUP Project Summary

## Smoke-Free Stoves

### Monduli District, Tanzania



#### **Project Name:**

Stoves and installation training

#### **Project Location:**

Twelve different Maasai bomas in the Monduli District, Tanzania.

#### **Project Summary:**

Train Maasai women on stove installation and then install 100 stoves.

#### **Project Detail:**

100 smoke-free stoves will be installed in 12 different Maasai bomas.

#### **Project Partner:**

ICSEE (International Collaborative for Science, Education, and the Environment)

#### **Project Cost:**

\$6,900



TGUP, in partnership with ICSEE, will fund the teach 10 Maasai women how to install and maintain the stoves. Then, smoke-free stoves will be installed in 100 Maasai homes in 12 different bomas (family settlements).

The stoves are connected to a chimney to expel the smoke. Typically, Maasai women cook with an open fire in the middle of a very small, unventilated hut made of sticks and mud. This is not only dangerous but extremely unhealthy. 25 children per 1,000 die before the age of 5 from lung problems due to inhaling the smoke from the open fires. Many are also burned. The stoves also reduce wood consumption by 60%.

This project will train 10 Maasai women as installers, giving them a salary and leadership within their communities. Then they will install 100 vented stoves in 12 different bomas. Particulates and CO of indoor air pollution will be reduced by 90 percent. Each Maasai woman typically has 5-6 children so the improvement in health will immediately impact over 500 children.

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