



TGUP Project Summary Stove Project Loibor-Siret, Tanzania



Project Name:

Smoke-Reducing Stove
Installation Project

Project Location:

Loibor-Siret, Tanzania

Project Summary:

Maasai women, who have
been recently trained,
will install 60 smoke-free
stoves.

Project Need:

- * Maasai cook in open
stoves in unvented
huts. 25 children per
1,000 die every year of
lung related illnesses
before the age of 5
years old.
- * Previously installed
stoves have shown to
reduce smoke and
harmful gases by 95%.

Project Partner:

Humanity for Children

Project Cost:

\$6,000



TGUP, in partnership with Humanity for Children, (HFC), will pay Maasai women to install smoke-reducing chimney stoves and chimneys in 60 Maasai homes. HFC will work with local supplies to purchase the stoves.

Maasai women spend typically 22 hours per week in the menial labor of firewood gathering. With this stove, their time will be greatly reduced because wood used is reduced from 100 to 40 kilograms per week.

Maasai homes normally have carbon monoxide levels bordering on symptomatic poisoning. The stove reduces carbon monoxide to healthy acceptable levels. Air quality analyzing equipment has been used to monitor the air inside the homes where stoves have previously been installed and noticed a 95% reduction in smoke and gasses. This will have a direct correlation to improved health, particularly in children.

The stoves cost \$100 each to install, with the Maasai family contributing a small amount for installation. HFC is covering the transportation costs.

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