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Project title:

Fuel-Efficient wood-burning clay stoves in Sudan.

Summary:

The project will be setting up 10 small groups of women in ONURA-sub village Sudan to make fuel efficient wood burning clay. These stoves use about 95% less wood than traditional cooking ways. Each organization will be made of 50 women.

Project Needs and Beneficiaries:

In ONURA –sub village 100% of the population depends on firewood for cooking. The family of 8 people would burn 800 small trees per year. This is useless way of using the energy. The clay stove has many advantages. First, they use one third of fire wood reducing annual usage of a family to 200 trees per year. Secondly, they produce less smoke which has a major health benefit. Thirdly, they cook quicker, and finally are portable. This project has a huge benefit for the environment.

Project activities:

Training in making wood burning clay stove, monitor progress, help groups with marketing the units, distribute tools, materials, set up workshops, construction of small kilns, and group setup training

Potential Long Term Impact:

The long term benefit of this project would be sustainable incomes to local women of ONURA - sub village. The project will also benefit the environment meaning that fewer trees will be cut per year for cooking.

Project Message:

Trees and rains are complementary to human needs, and when one is missing then life is not complete. To stay around in this marginalized and isolated village we need good environment to secure rain.

- - *Laura Iteng, Project participant*

Personnel Overview:

Fred Mawanda has a Bachelor of Science majoring in Agro forestry and a Masters in Agro. Fred has worked extensively in this industry for a number of national organizations. In his area of specialty Fred has been project manager and has championed the start of three successful cooperatives. Fred has great skills in organization, management and planning which he brings to Hope ofiriha and to assist the local women of Omilling Sudan. Fred is a Ugandan, and will be volunteering for a year travelling to project site once each month from Uganda.

Donation:

\$ 10 – contributes for construction of 1 small kiln

\$50 – contributes for 1 group set up and training

\$5000 – pays for training 500 women in fuel-efficient wood burning clay stove

Budget:

\$65,000 – starting 2010 till 2014.

Contact us:

Please contact HOPE Ofiriha if you would like to fund this project or if you would like further information at this e-mail:info@ofiriha.org