

Action Guide

Clean Cooking: Justa Stoves - Nicaragua

Why: The problem/opportunity

Three Billion people cook over open fires. This causes excessive pollution (black carbon) that significantly contributes to Global Warming. Additional adverse effects of open fire cooking include mortality (over 4 million deaths annually) and morbidity (respiratory illness, cancers, severe burns), gender (women and children) inequality, a decreased quality of life and deforestation.

What: The Solutions

It is providing cleaner cooking alternatives, especially in developing countries, and providing solutions to the issues described above. Solutions depend on the country, culture, economy and resources.

A Justa Stove typically results in a CO2 equivalent reduction of to 15 Tonnes over its lifetime for a USD 100 outlay

Who: Beneficiaries + Stakeholders

- Nicaraguan Communities
- Rotary Club of Stratford
- Rotary Club of London Hyde Park
- Stove Team International

How: Implementation Ideas

Using the expertise of Stove Team International, we will be training and paying local villagers in Nicaragua to build the Justa Stove at a quality level. Suitable cooking utensils, along with education on their use and cooking methods will also be provided. Villagers will pay a small percentage of the cost and agree to plant trees each year for sustainability.

Where:

In Nicaragua, the Rotary Club of Stratford, in collaboration with the Rotary Club of London Hyde Park, is implementing an eco-friendly Justa Stove Project. We are working closely with Stove Team International. This model would work well in most Latin American Countries.

How: Using the expertise of Stove Team International, we will be training and paying local villagers in Nicaragua to build the Justa Stove at a quality level. Suitable cooking utensils, along with education on their use and cooking methods will also be provided. Villagers will pay a small percentage of the cost and agree to plant trees each year for sustainability.

Costs/Budgets

\$100 USD per stove: The cost will vary with resources and supplies but will be in the range of \$100 USD per stove (incl supplies). Trees for planting will be grown at our local nursery as part of our Garden Project.

Tips/Other ideas

- Calculate your club or your family's annual carbon footprint and offset it by sponsoring Justa cookstoves in Nicaragua. 15T CO2 per cookstove
- Pilot projects have already been undertaken with input and buy-in by the local villagers. We are close to receiving the final word regarding the acceptance of our Global Grant Application, which will almost triple our existing funds.

Resources

[ESRAG Clean Cooking Webpage](#)

Example Implementations (Projects)

N/A

Photos/Videos

N/A

Advice Contact

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