Trees, Water & People: Making a Difference in Central America
Stove Programs

The World Health Organization (WHO) estimates that over 1.6 million women and children die annually from indoor air pollution—caused chiefly by traditional open-fire cookstoves.
Traditional Stoves
Because traditional stoves are inefficient, in some regions people need to walk over three - four miles to cut their firewood two - three times per week.
The Justa Stove

Stove design is adapted to local cooking needs – metal griddle to cook tortillas
Benefits of the Justa Stove

- Remove approximately 80% of indoor air pollution
- Reduce incidence of respiratory illnesses
- Save money & time because less firewood is needed
Benefits of the Justa Stove
Reduces deforestation by consuming 50 – 70% less fuel wood, compared to traditional cook stoves
Developed by Trees, Water & People, Aprovecho Research Center, and the Honduran Association for Development (AHDESA) in Honduras after Hurricane Mitch in 1998 – Dona Justa
Honduras Stove Factory

- Ashden Award allowed TWP & AHDESA to develop their own EcoStove models and micro-enterprise program starting in 2005

- AHDESA moved to a new factory in 2008 to scale up production of EcoStoves and Justa components
Nicaragua Stove Factory

- In 2000 TWP & PROLEÑA developed portable EcoStoves
- PROLEÑA moved into a new stove factory in 2006
Rocket Stoves in Haiti

• TWP and AMURT building a simple clay Rocket stove ... just $5

• It’s perfect for traditional one-pot meals
International Programs

- Working in Latin America since 1998
- Currently working in Honduras, El Salvador, Nicaragua, Guatemala, and Haiti
- TWP has built over 30,000 improved stoves, helping more than 150,000 people
International Partners

Nicaragua: PROLEÑA

Haiti: AMURT

Honduras: AHDESA
Two-Pronged Approach to Sustainable Energy & Forest Conservation
Fuelwood Usage in Nicaragua

- 90% of urban families use fuelwood for cooking, for a total of over 120,000 families in the seven largest cities
- 50% of rural families use fuelwood for cooking
- 95% of fuelwood users use traditional open-fire stoves
FUNDANIC Project

- In 2007 the EU partnered with TWP and PROLEÑA for a project to produce 1 million trees over 4 years in FRA tree nurseries
- 500,000 trees produced in 2007, for a total of 256 hectares (633 acres) planted
Reforestation Programs

Our trees are planted by:

- Community groups to protect water supply
- Individual farmers - to grow a sustainable supply of firewood
Tree Planting
Contact Information
Stuart Conway
Trees, Water & People
633 Remington St.
Fort Collins, CO 80524
stuart@treeswaterpeople.org
www.treeswaterpeople.org
970-484-3678