



Mission Statement:

StoveTeam International promotes the local production of safe, affordable, fuel-efficient cookstoves in the developing world.

Why stoves?

Worldwide, cooking is an essential part of one's day. However, in many parts of the world, cooking kills.

More than three billion people in the world cook over dangerous open fires or inefficient stoves. Many women spend most of their day indoors near smoldering fires or walking to collect heavy loads of firewood. Inhalation of harmful particles emitted from these open fires is the cause of an estimated four million deaths per year and is the leading cause of death in children under five.

MEDICAL PROBLEMS OF OPEN-FIRE COOKING

- Pneumonia, chronic obstructive pulmonary disease, respiratory infections, emphysema, cardiovascular disease, lung cancer and chronic bronchial illnesses.
- Burns from open cooking fires.
- Cataracts and chronic eye and skin irritation from constant exposure to smoke.
- Hernias from carrying large amounts of wood.
- Low birth weights.

ENVIRONMENTAL PROBLEMS DUE TO THIS TYPE OF COOKING

- Rapid deforestation.
- Erosion, mudslides and water pollution.
- Climate change due to emissions of black carbon (BC).
- Pollution from the emissions of particulate matter (PM).





Women and children spending hours a day cooking inside are those most affected by smoke from open cooking fires.

StoveTeam Methodology

StoveTeam helps raise seed capital from grants and donations to start stove factories in emerging countries, providing advice and assistance in all phases of factory startup and operation. These factories use local labor and materials to produce safe, fuel-efficient cookstoves and are self-sustaining after the initial investment. The cookstoves are affordable, use 50% less fuel-wood, and emit 86% less particulate matter, thereby reducing deforestation and harmful pollution. What's more, each fuel-efficient cookstove prevents the emission of approximately 3 tons of carbon per year.

Lives are changed by our work

Toxic emissions cause a variety of serious health problems, making smoke exposure one of the top four health risks in developing nations and the largest environmental killer.

The installation of efficient, clean-burning stoves improves the quality of air in homes where women and children spend much of their day. The Ecocina stove produced by StoveTeam-sponsored factories is portable and can be moved outdoors when weather permits. With the reduction in time collecting fuel-wood, men and women have more time for income-generating activities; and children can spend more time in school. Some families have earned additional income by taking the stove to a central plaza or roadside to sell food.



The Ecocina

POT SKIRT

Adjustable metal skirt fits a variety of pots and pans & forces hot air around the pot for maximum cooking efficiency.

REMOVABLE "PLANCHA"

For cooking meat or tortillas.

POT SUPPORTS

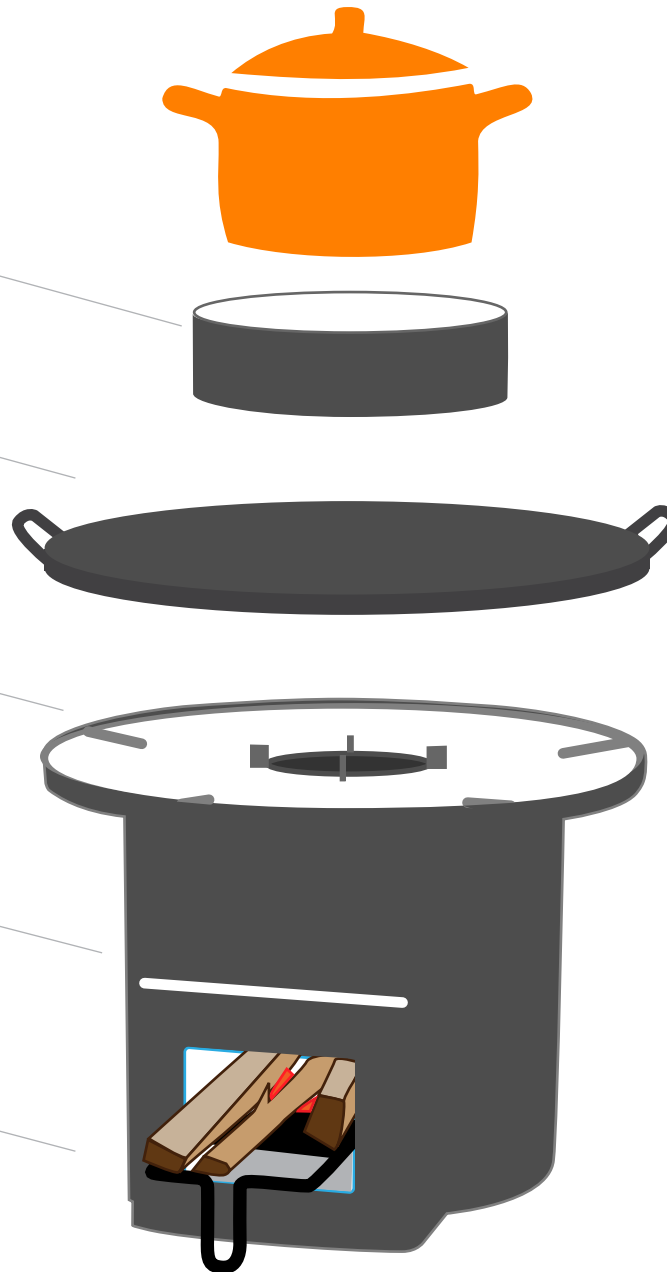
Elevate the cooking surface above the stove top and allows cooking with any sized pot or griddle ("plancha").

INSULATED CEMENT BODY

Internal chimney of low-fired tile and insulating pumice keeps the stove exterior cool to the touch.

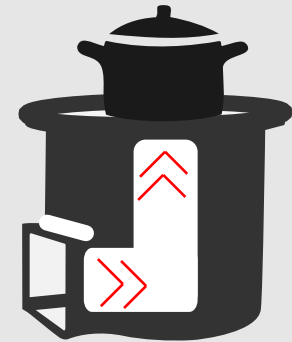
WOOD SUPPORT (PORTALEÑA)

Raises the wood off the bottom of the stove and allows sufficient air to enter, increasing burning efficiency.



REDUCED SMOKE

Efficient airflow allows wood to burn completely, resulting in a virtually smoke-free environment.



"ROCKET ELBOW" DESIGN

With an air-intake opening the same size as the exit, oxygen entering through the bottom moves efficiently through the internal chimney, driving heat directly to the cooking pot.

Factories

SAN MIGUEL DE ALLENDE, MEXICO

The Ecocina Stoves factory in San Miguel de Allende began producing stoves in August of 2011. It has produced and sold more than 1,950 stoves to date and worked with several local communities and governmental organizations.

COPÁN RUINAS, HONDURAS

The E'Copan factory in Copán Ruinas, Honduras began producing stoves in June 2010. It has now produced and sold 5,990 stoves. In February of 2014, StoveTeam volunteers and E'Copan employees worked together to construct a new factory on land purchased by factory owner Anibal Murcia. At the close of 2014, Anibal and Rosanna were awarded a grant from the Milagro Foundation to expand their sales and marketing program to include radio and print advertisements, increased demonstrations at community events, and the creation of a network of commissioned-based sales women.

MORELIA, MEXICO

The factory in Morelia, Mexico has produced more than 200 stoves since opening in late 2013 and encountered issues when the owner of the factory passed away. The Morelia and Livermore Valley Rotary Clubs continue to work with the factory to provide stoves to Michoacan.



NAHULINGO, EL SALVADOR

Inversiones Falcón, the factory in Nahulingo, El Salvador was the first factory established by StoveTeam. Since 2007, it has produced 21,673 stoves and continues to experience high demand for various stove types. Factory owner Gustavo Peña has experimented with additional adaptations of the Ecocina and is designing new stoves with external chimneys and larger planchas.

Inversiones Falcón was filmed for a PBS documentary produced by the Under-Told Stories Project and shown on the PBS NewsHour in early 2014.

SAN ANTONIO AGUAS CALIENTES, GUATEMALA

The EcoComal stove factory in Guatemala continued to expand and provide stoves throughout Guatemala in 2014. The factory has now produced and sold 18,362 stoves.

In June and November of 2014, EcoComal hosted two week-long trips for StoveTeam volunteers and a one week trip for University of Oregon Holden Leadership Center students. Trip volunteers made Ecocina stoves and delivered them to customers in a nearby community. They worked on the first of five planned Eco-Cabañas that will highlight natural building methods and serve as an environmental education center on the EcoComal factory grounds.



2014 Results

- StoveTeam reached the milestone of 50,000 stoves sold by StoveTeam-started factories.
- The E'Copan factory received a permanent home on land owned by factory owner Anibal Murcia.
- Twenty four volunteers traveled to Antigua, Guatemala to build stoves and an EcoCabaña for the environmental education center.
- University of Oregon collaborated with StoveTeam to provide a service-learning trip to Guatemala for sixteen students.
- More than \$8,000 was raised by volunteers to support stove subsidies for high need populations.
- A grant from Milagro Foundation was awarded to StoveTeam to develop a sales and marketing program for the Honduras factory.
- StoveTeam was awarded the National Energy Globe Award for the country of Honduras.

TOTAL STOVES PRODUCED THROUGH 2014

Copán Ruinas, Honduras (est. 2010)	5,991
León, Nicaragua (est. 2010, now closed)	850
Nahulingo, El Salvador (est. 2007)	21,637
San Antonio Aguas Calientes, Guatemala (est. 2009)	18,362
Choluteca, Honduras (est. 2009, now closed)	2,000
San Miguel de Allende, Mexico (est. 2011)	1,950
<hr/> Total	<hr/> 50,840





A community-based solution: StoveTeam works with local entrepreneurs to develop sustainable stove businesses with long-lasting effects in the community.

NUMBER OF FAMILIES DIRECTLY IMPACTED BY STOVETEAM

Total stove production to date: 50,840.

Each stove is sold to a single family, and average family size shown by StoveTeam's field testing data is 7.5. The cookstoves produced and sold by StoveTeam-sponsored factories have improved the lives of 381,300 individuals.

EMPLOYMENT

New employment was provided to at least 45 individuals in the current stove factories, and it is assumed that surrounding businesses have also been impacted.



HOW FUNDING HAS INFLUENCED OPERATIONS

Having adequate funding has permitted StoveTeam International to:

- Support factories through volunteer trips and stove subsidies for needy communities.
- Facilitate communication and cooperation among factory owners.
- Provide factory owners with better tools to evaluate costs of doing business.
- Aid in factory sustainability by developing sources of subsidies.
- Develop business plans for three new factories with enthusiastic social entrepreneurs in areas of high need in Mexico and Nicaragua.
- Participate in international conferences and meetings leading to strategic partnerships with CEMEX, Global Alliance for Clean Cookstoves, Aprovecho Research Center, the Environmental Protection Agency, NOVA, Rotary International and Rotary Clubs throughout the United States and Latin America.
- Raise awareness in the United States and Latin America about the dangers of open cooking fires.

CURRENT GRANT AND FOUNDATION FUNDING

StoveTeam received grants from Dining for Women, The Milagro Foundation, The Sanford Foundation, The Minneapolis Foundation, and Global Way Makers Foundation. StoveTeam received the majority of its support from private donors and Rotary Clubs.

Individual Rotary Districts and The Rotary Foundation provided matching funding for all of the Central American and Mexican factories. Local representatives of Children International, Peace Corps, Habitat for Humanity, World Vision, Rotary and other non-profit organizations in each country assisted with stove sales and distribution.





StoveTeam volunteers help with construction, stove building, and at a community school started by Ecocomal factory.

AWARDS AND RECOGNITION

In 2013, Founder and President Nancy Hughes received recognition both as a White House Rotary Champion of Change and as a CNN Hero. Nancy has presented programs to numerous Rotary Clubs, Engineers in Technical and Humanitarian Opportunities of Service (ETHOS), the University of Oregon, and other organizations. She is a regular participant at the Global Alliance for Clean Cookstoves international meetings and a member of the American National Standards Institute Technical Advisory Group of the International Service Organization.

In 2014, Nancy was featured in a book by Marlo Thomas. StoveTeam was recognized for its work in Latin America by for-profit cookstove organization StoveTec who committed to giving a percentage of its gross sales to support StoveTeam programs.

Nancy Hughes was recognized for her work by Forbes.



Board of Directors

NANCY HUGHES – PRESIDENT & FOUNDER

Nancy directs the work of StoveTeam and is the founder and the face of the organization.

She began StoveTeam after working with a medical team and observing the results of burns and respiratory diseases caused by cooking over open fires inside unventilated homes.

Nancy is a graduate of Whitman College, an active member of Rotary and has been a tireless volunteer with many organizations. She is an inspiring speaker and travels extensively for StoveTeam International.

GERALD REICHER – VICE PRESIDENT

Gerry assists factory owners by providing appropriate business tools. On the first team he assisted with developing the concept of creating sustainable businesses rather than simply distributing stoves. Prior to his volunteer work with StoveTeam International he owned and operated a software business and was on the faculty of The University of Oregon where he taught and did research in Cognitive Psychology. He has traveled many times to Latin America.

DON STEELY

Don assists with stove design and the physical development of new factories. He advises factory owners about the purchase of appropriate tools and efficient factory set-up. He has built his own homes and is the “hands-on” arm of StoveTeam. Outside of StoveTeam Don is a Rotarian and works as an educational curriculum designer and program evaluator.

SCOTT WILBER

Scott is an active Eugene Southtowne Rotarian and works as a professional C.P.A. Scott takes an active role assisting with StoveTeam financial accounting.





Ecocina stoves are safe to the touch and virtually smokeless.

MARGA LARSON

Marga is an active member of the Eugene Downtown Rotary Club and works as a professional C.P.A. She has visited the factory in El Salvador and assists StoveTeam with the development of accounting models for stove factories, as well as budgeting and financial oversight.

JAY LAMB

Jay is a Senior Vice President at MODA Health and serves on their Board of Directors. A former dentist, he is a Fellow in the International College of Dentists, as well as the American College of Dentists. He joined the board of StoveTeam International in 2012 and assists with strategic planning and financial oversight.

SUSIE HANNER

Susie is an author of reading programs and an active Rotarian. She has successfully written and edited many of the Rotary Matching Grants received by StoveTeam.

BOB WAY

Bob assists with technical advice for stove factory owners and stove making training for new StoveTeam volunteers. Bob is retired from Lane Community College, where he implemented and ran the Cooperative Education/Internship program which located and supervised on-the-job training for 2000 students annually with world wide placements.

SAM ROBERTS

Sam is a practicing attorney assisting StoveTeam with legal advice and contracts. He has been a volunteer on StoveTeam trips to Guatemala and Honduras. Sam is a graduate of the University of Oregon School of Law.





We work alongside women in local communities to solve the problems of open cooking fires.

WALT MEYER

Walt is the Director of the StoveTeam Technical Committee and was instrumental in designing and implementing the Ecocina field tests as well as assisting with the certification tests for obtaining carbon credits. He is fluent in Spanish and spent two years in Queretaro, Mexico as a volunteer with the Peace Corps where he worked at the Centro de Investigación y Desarrollo Tecnológico en Electroquímica, using his 46 years experience as an environmental engineer. He also actively works with Oregon communities on their potable water and their wastewater treatment systems. Walt is an active Rotarian and serves on the board of the Central Mexican Youth Fund.

Staff

KATIE LAUGHLIN

As Program Director, Katie is responsible for overseeing the daily operations of StoveTeam's U.S. office, including factory development, factory relationships, fundraising, grant writing, promotion, and organizational management. She is a graduate of the University of Oregon with degrees in Political Science, Latin American Politics and Spanish.

KIM FORREST

As Volunteer and Programs Coordinator, Kim is responsible for interfacing with volunteers and factory owners, assisting with grant writing, program implementation, and developing trips for volunteers. She is a graduate of Whitman College with a degree in History.

VOLUNTEER STAFF

Over 200 volunteers contribute time and effort to StoveTeam projects.





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INTERNATIONAL