Photo: Project Gaia

GLOBAL ALLIANCE FOR CLEAN COOKSTOVES

Photo: Nigel Bruce

Global Alliance for Clean Cookstoves

SAVE LIVES | IMPROVE LIVELIHOODS | EMPOWER WOMEN | COMBAT CLIMATE CHANGE

THE CHALLENGE

Exposure to smoke from traditional cookstoves and open fires – the primary means of cooking and heating for nearly three billion people in the developing world – causes two million premature deaths annually, with women and young children the most affected. Reliance on biomass for cooking and heating forces women and children to spend hours each week collecting wood. Women face severe personal security risks as they search for fuel, especially from refugee camps and in conflict zones. Cookstoves also increase pressures on local natural resources (e.g., forests, habitat) and contribute to climate change at the regional and global level.

THE SOLUTION

The use of clean cookstoves and fuels can dramatically reduce fuel consumption and exposure to cookstove smoke. Development of a global clean cookstove industry that is constantly innovating to improve design and performance, while lowering the cost of stoves, can lead the way to widespread adoption of clean cooking solutions.

THE ALLIANCE

The Global Alliance for Clean Cookstoves is an innovative public-private partnership, led by the United Nations Foundation, to save lives, improve livelihoods, empower women, and combat climate change by creating a thriving global market for clean and efficient household cooking solutions. The Alliance's '100 by 20' goal calls for 100 million homes to adopt clean and efficient stoves and fuels by 2020. The Alliance will work with public, private, and non-profit partners to help overcome the market barriers that currently impede the production, deployment, adoption, and use of clean cookstoves in the developing world.

BY THE NUMBERS

5
Indoor air pollution is the fifth biggest health risk in the developing world.

2 Million
Number of people who die worldwide each year from exposure to cookstove smoke.

3 Billion
Nearly half the people in the world use polluting, inefficient stoves to cook their food each day.

16 seconds
How often cookstove smoke claims a life.

Photo: Project Gaia

Photo: RESPIRE Project

THE TIME IS RIGHT

While hundreds of global and country-specific programs promote the deployment and use of cleaner and more efficient cookstoves, the field has yet to reach a truly global scale. Yet, recent developments in the cookstove field are providing greater confidence that we can achieve large-scale success. Because of advances in design, testing, and monitoring; compelling new research on the health benefits of reduced exposure to cookstove smoke; new national cookstove programs in Asia, Africa, Latin America, and elsewhere; the mounting need for effective near– and long-term action to address climate change; growth of promising new commercial business models; and the potential of carbon finance to fund stove projects, it may now be possible to reach hundreds of millions of the world's poor with cleaner and more efficient stoves. However, to achieve this ambitious goal, the global community must act now, focusing its efforts on the creation of a thriving and sustainable clean cookstove industry.

PARTNERING WITH THE ALLIANCE

The Alliance invites public and private partners to join us. Together we can create a thriving global market for clean and efficient cooking solutions by:

- Raising global awareness of the health, environmental, and economic benefits of clean cookstoves and fuels;
- Funding health, climate, and other applied research to enhance our understanding of the challenges and solutions in the sector;
- Supporting capacity building for stove production and marketing, including working with women's collectives and NGOs;
- Building end consumer capacity to realize the benefits of cookstoves through effective utilization;
- Advancing the use of innovative finance mechanisms for clean stoves at scale;
- Addressing import tariffs and trade barriers; and
- Mobilizing effective sales, distribution, and supply chains, and engaging women as key agents within the supply chain.

SECTOR STAKEHOLDERS

- Academic institutions
- Community based organizations
- Cookstove designers and manufacturers
- Corporations
- Donor governments
- Foundations
- Impact investors
- Microfinance institutions
- Multilateral institutions
- National governments
- Non-governmental organizations
- Philanthropists
- Research institutions
- Self-help groups
- Small and medium enterprises
- Socially responsible funds
- Villages savings and loan associations

FOR MORE INFORMATION:

Please contact us at info@cleancookstoves.org, +1 202 650 5345, or visit our website at www.cleancookstoves.org.