

2017

IMPACT REPORT

STOVE
 TEAM
INTERNATIONAL®

A LETTER FROM OUR EXECUTIVE DIRECTOR

Our team's expanding narrative.

In the last year, I have been inspired and humbled to work with such a dedicated team of board members, staff and supporters.

It is because of this team that in 2017, **46,792 people** in **five countries**, benefited from the distribution of safe and fuel-efficient cookstoves. Together, we also celebrated the milestone of impacting over half-a-million lives with clean alternatives to open fires.

Thanks to our team, made up of individuals like **YOU**, in 2018 StoveTeam celebrates 10-years in-the-making and continues to provide critical support to our factory partners and communities in need of fuel-efficient cookstoves. In this report, we highlight some stories and accomplishments of one year in StoveTeam's expanding narrative and share what **9-years of partnership** has made possible.

From the impact on individual lives to the continued success of our factory partners and the growth of our staff and programs, 2017 was a **unforgettable** year.

As I reflect on the organization's history and look toward its future, I'm reminded that it took a dedicated **team** to get this work done. It will take a **team** to continue to push hard and believe in the transformative power of cookstoves to keep making progress. Thank you for being a part of our **team** and for joining us in the years ahead! Our accomplishments are yours.

With gratitude,

Katie Laughlin

Katie Laughlin





OUR MISSION

StoveTeam International promotes the local production of safe, affordable, fuel-efficient cookstoves to replace dangerous open fires in the developing world.

We partner with international organizations, volunteers, Rotary clubs, and in-country community members to provide fuel-efficient cookstoves to those who need them the most.

STOVETEAM COOKSTOVES...

- Decrease deforestation by reducing fuel consumption by 50%.
- Eliminate dangerous carbon monoxide by 68%.
- Prevent burns.
- Benefit our global environment.
- Support local economies by employing local people and using local services and materials.
- Ensure that cooking doesn't kill.



Lynn Johnson, Ripple Effect Images

OPEN FIRE COOKING...

- Is used by 3 billion people worldwide.
- Causes 4 million premature deaths each year, primarily of women and children.
- Produces pollution equivalent to smoking 3 packs of cigarettes per day.
- Requires extended periods of time each day collecting firewood.
- Emits more black carbon than all of the cars and trucks in the world combined.
- Contributes to deforestation.



Lynn Johnson, Ripple Effect Images



“When I used to cook with the traditional stove, none of my family would eat here. Instead they ate in the bedroom because there was so much smoke. But not anymore. They come over to me and we all get together.”

-Rosa Garcia Santos, Owner of First EcoComal Stove

NOTABLE MOMENTS

Partner factories provided **6,239 stoves** throughout Central America, **increasing access to clean energy to over half-a-million people.**

National Geographic highlighted the work of StoveTeam in an article entitled, *Three Billion People Cook Over Open Fires – With Deadly Consequences*. Written by Michelle Nijhuis and with photos by Lynn Johnson.

The photo pictured on page 10 was recognized in **National Geographic** as one of **2017's top 100 photos.**

With funds raised through peer-to-peer fundraising campaigns, the Avanza Factory in Esteli delivered Ecocina cookstoves to families living in the **Sandino waste dump**. The Sandino waste dump is one of the biggest in all of Nicaragua where families barely survive by selling and recycling discarded items.

StoveTeam was **awarded the first University of Oregon Seed Grant**, designed to provide funding for a collaborative project between a University faculty member and a member of **Global PDX**, an alliance of Oregon-based organizations focusing on international development.

In partnership with **OSU** and funded by **Dining for Women**, StoveTeam completed a study researching the impacts of the Ecocina on women and girls. **390 stoves** were delivered, benefiting **547 women and their families**. Pictured at left is one of the stove recipients.





ACHIEVING THE UNITED NATIONS SDGS

HEALTH

3 GOOD HEALTH AND WELL-BEING



The Ecocina is cool to the touch, reducing the incidence of burns. It also decreases indoor air pollution, resulting in healthier homes.

EMPOWERMENT

Access to improved cooking technology means women and girls spend less time collecting firewood, and more time at school or pursuing other personal advancements.

5 GENDER EQUALITY



SAVINGS

7 AFFORDABLE AND CLEAN ENERGY



For those who buy wood, the savings in wood pays for the stove in a few months making the Ecocina an affordable alternative to open fires.

ENVIRONMENT

Fuel-efficient stoves burn less wood and reduce smoke in the home, cutting down on deforestation and the emission of greenhouse gases.

13 CLIMATE ACTION



DEVELOPMENT

8 DECENT WORK AND ECONOMIC GROWTH



Stove factories provide local jobs and use locally-sourced materials, promoting sustainable economic growth in low-income areas.



Photo by Jenna Broadhurst

GLORIA

A stove's impact.

Gloria and her family sleep outside, on the patio of a house that is too small to accommodate the five families that call it home. We met Gloria in the central square of Alotenango as she anxiously awaited the arrival of her new stove – a stove she could not have afforded without the support of a generous donor. With her five-month-old baby strapped close to her chest (and two young children waiting for her at home), Gloria shared with us that cooking to feed her family is a daily struggle.

“When I try to cook, the flames rise up and burn my hands. If there's wind, I also get burned.”

One of Gloria's biggest fears is that her small children will be burned by pieces of firewood that fall from her makeshift stove. In the developing world, women and children experience burns in the kitchen more than anywhere else.

Now that Gloria has a lifesaving cookstove, her children can play safely in the kitchen without risking burns. With her cookstove, Gloria has provided a safer and healthier home for her family, now spending less time and money collecting wood.

COUNTRY HIGHLIGHTS



StoveTeam establishes locally owned, for-profit factories to make safe, affordable and fuel-efficient cookstoves. We provide business training, technical assistance and assist in securing start-up capital.



EL SALVADOR

Inversiones Falcón

Inversiones Falcón, in Nahulingo, El Salvador was the first factory established by StoveTeam. Since 2007, it has produced **24,457 stoves**. *Inversiones Falcón's hard work in the field of fuel-efficient cookstove sales and promotion earned them the 2017 National Energy Globe Award.* The Energy Globe Award is supported by the United Nations Educational, Scientific, and Cultural Organization (UNESCO) in cooperation with United Nations Environment Program (UNEP). The award honors organizations working to advance sustainable solutions to global environmental challenges. Despite the challenges of the current economic and security environment in El Salvador, factory owner Gustavo Peña continues to expand distribution of safe cookstoves to those in need. *StoveTeam has been working in partnership with Inversiones Falcón to expose local elementary school teachers and children to the benefits of clean energy technology.*



HONDURAS

E'Copan

Since June 2010, the E'Copan factory in Copan Ruinas, Honduras has produced and sold **8,166 stoves**. They continue to grow and expand their business through local and regional promotional campaigns and marketing efforts. With support from the Milagro Foundation and Meal A Day, *StoveTeam has been working in partnership with E'Copan to educate 30 school children on the importance of safe cookstoves.* In addition to the children bringing home new knowledge, their families will receive a subsidized cookstove. By introducing and exposing young people to clean energy technology, we are working to break the generational cycle of energy poverty. *In partnership with Oregon State University, we are also studying how social networks influence the adoption of cookstoves.*



GUATEMALA

EcoComal

EcoComal stove factory in Guatemala has continues to produce quality stoves for families in need since 2010. In a country where approximately **70% of the population uses wood for cooking**, and more than 5,000 people die per year as a result of household air pollution, EcoComal is addressing an important need with a simple and local solution. The factory has now produced and sold **28,077 stoves**. In order to expand their network of education and impact, **EcoComal has worked closely with social workers, elected officials and town councils to identify households in desperate need of fuel-efficient cookstoves** in order to ensure that cookstoves are reaching those with the greatest need.

NICARAGUA

Estufas Avanza

The Avanza factory in Estelí, Nicaragua was **launched in Summer 2016 with the help of Friends of Families United**, a non-profit organization providing housing and education to low-income families living in Nicaragua. Now in 2017, Avanza has produced and sold **1,000 stoves** and has received support from Rotary International, Biomass Users Network of Central America and other international organizations. One of their strengths is the factory's dedication to raising awareness. **They have made television appearances, been featured on radio broadcasts, and continue to partner with aid agencies and churches.** The factory operates as a non-profit enterprise. In order to get stoves to families that need them most, the factory partners with local women's groups within communities.



MEXICO

Ecocina Stoves 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** and **has worked with several local communities and governmental organizations.**




“With StoveTeam we have been given the ability to protect our country from landslides and have protected the health of Nicaraguan women. Thank you very much. StoveTeam gave us a hand when we needed one. Thank you to all for this voluntary service.”

Marvin Rivera
Factory manager,
Nicaragua

1/2 MILLION IMPACTED

500,000+ 
LIVES IMPROVED

Each stove is sold to a single family, and average family size shown by StoveTeam's field testing data is 7.5 individuals.

 66,882
STOVES PRODUCED

The adoption of a fuel-efficient cookstove results in reduced indoor air pollution, savings in fuel and improved health.



30+
JOBS CREATED

Factory employees include skilled laborers and metal workers, salespeople and watchmen, and cleaning/cooking staff. Surrounding businesses, including hardware stores and materials providers, as well as accountants and attorneys are also impacted by factory presence and growth.



113
VOLUNTEERS

Volunteers provide support at our office and tabling events, and travel to factories to assist in construction, stove production and adoption studies.



Thank you to our sponsors!

1% for the Planet

Bier Stein

**Christadelphian Meal A Day
Fund of the Americas**

Dining for Women

Falling Sky Brewing

Good Works Institute

Global PDX

Lane Forest Products

Marist High School

Martin Capital Partners

Milagro Foundation

**Orange County Community
Foundation**

**Oregon State University
Humanitarian
Engineering Program**

Oregon Wine Lab

Plank Town Brewing

**Rocky Point
Ornamentals**

Rotary International

Sanford Web Systems

Springfield Lions

St. Olaf College

**University of Oregon
Holden Leadership
School**

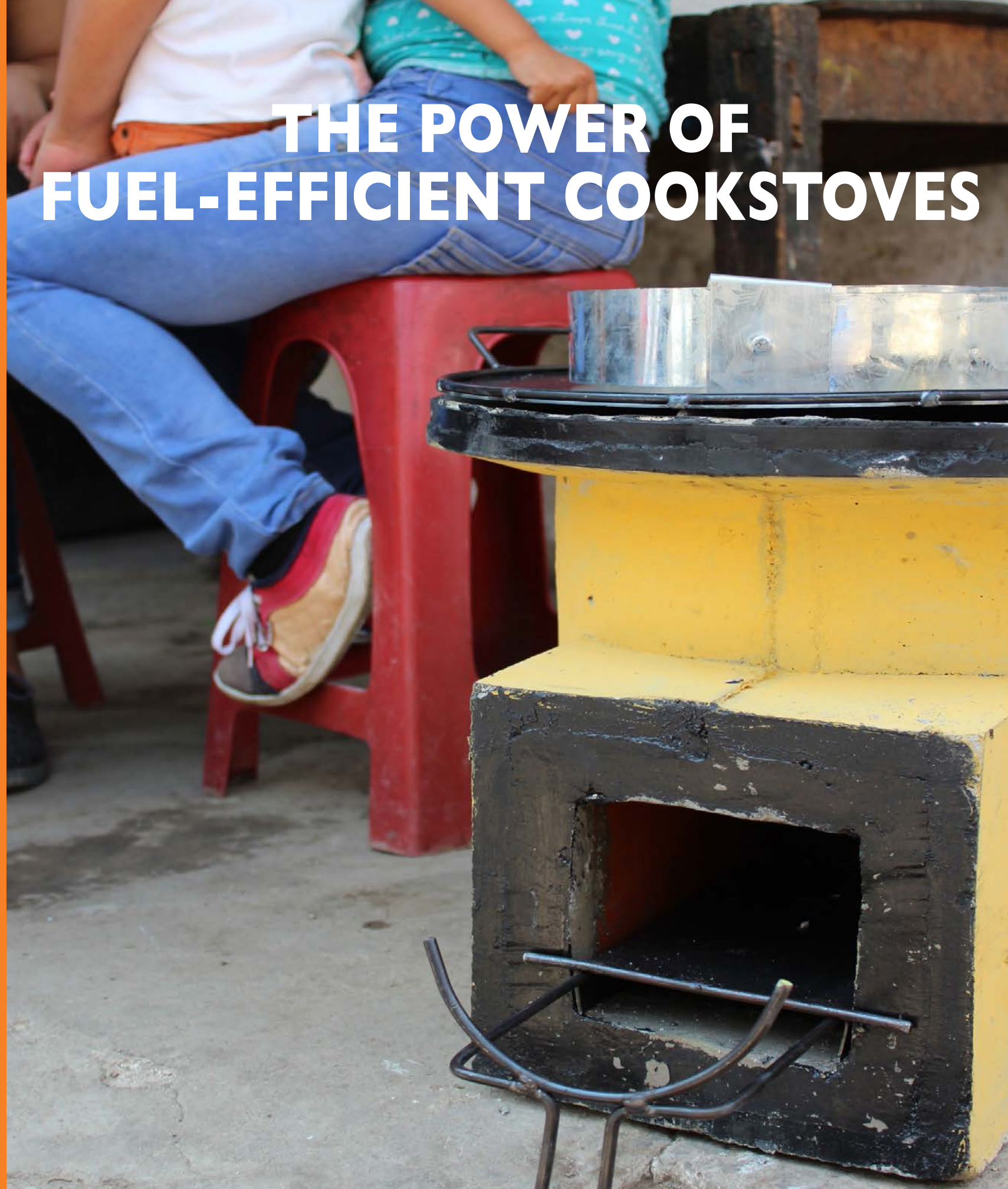
**Women's Foundation of
Colorado Beyond Our
Borders Fund**

THE POWER OF FUEL-EFFICIENT COOKSTOVES



“StoveTeam has helped us connect to people in a way not experienced with other travel. We have enjoyed getting to know the factory owners and their families. The joy of delivering these stoves to homes, still cooking over open fires, is the high point of each trip.”

Patti & Tom Barkin
Donors and Volunteers



INCOME GENERATION AND SAVINGS



COMMUNITY DEVELOPMENT



EMPOWERMENT



IMPROVED HEALTH



ENVIRONMENTAL CONSERVATION



“StoveTeam trips enlighten me and allow me to engage more fully, meaningfully and compassionately as a citizen of this world. Each StoveTeam trip leaves me with indelible, incredible memories!”

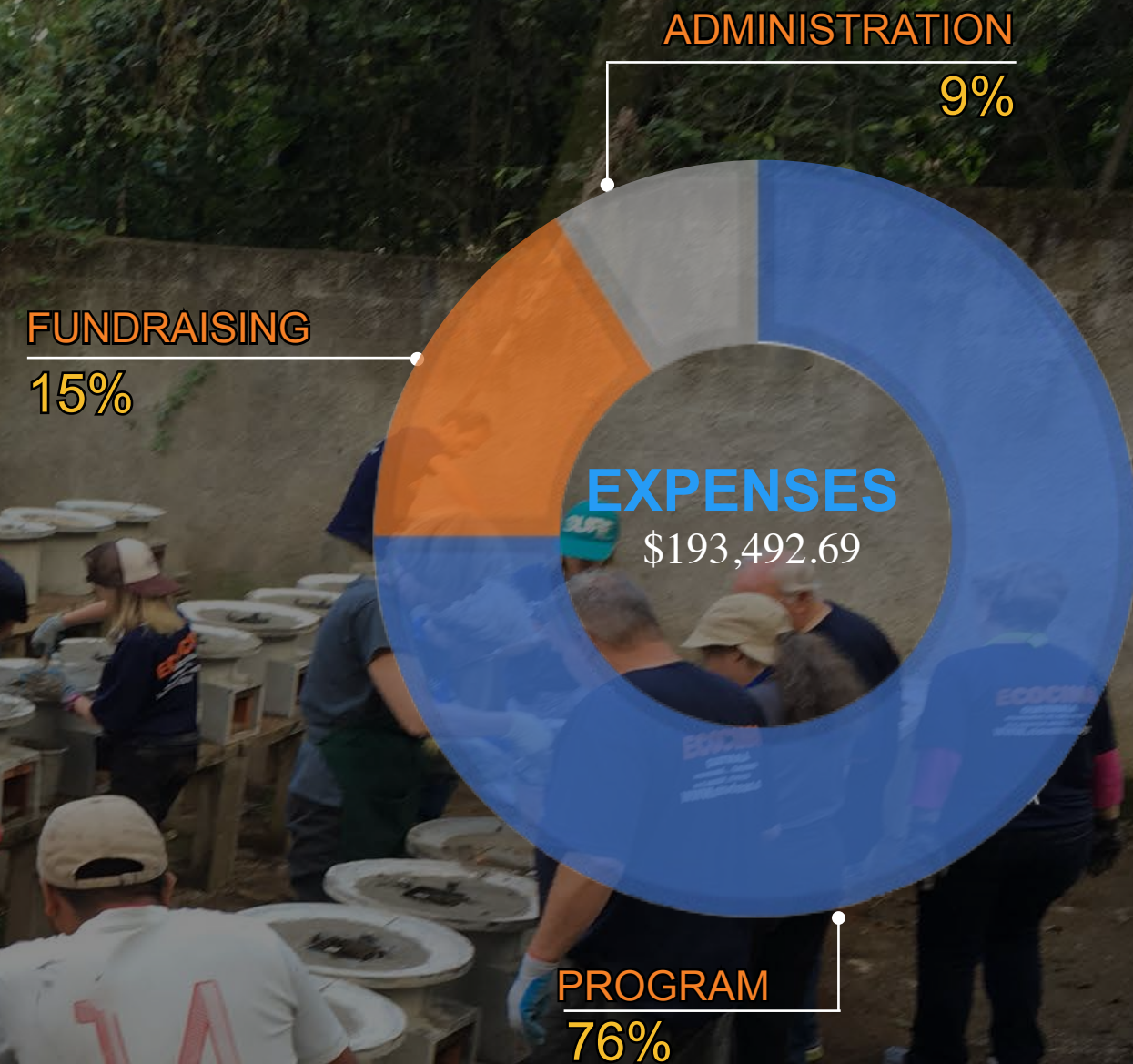
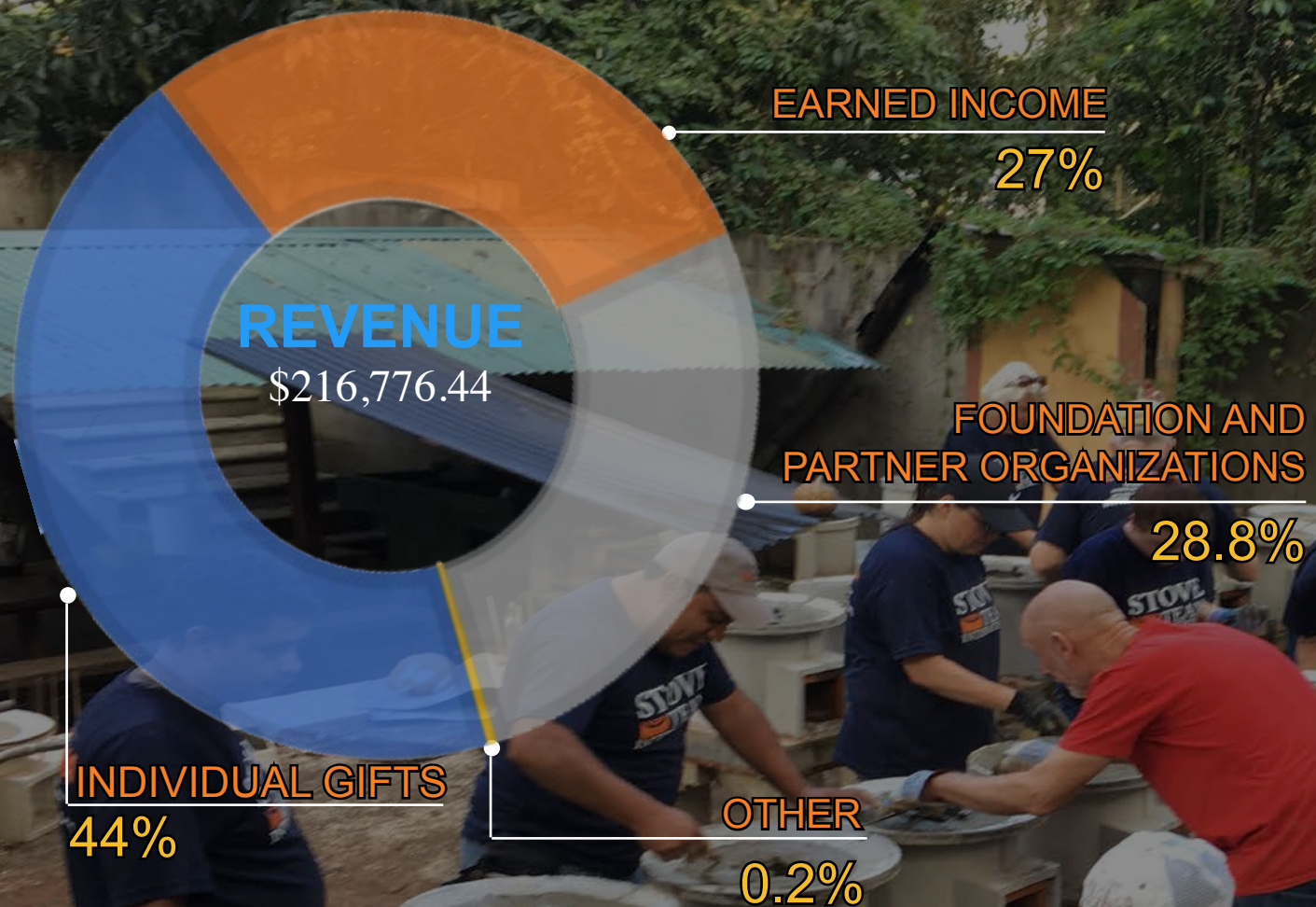
Jinny Ralls
Volunteer



CHEERS FOR VOLUNTEERS!

2017

113 volunteers dedicated more than **4,797** hours producing and distributing fuel-efficient cookstoves abroad AND providing support in our office and at events in Eugene, OR.



FINANCIALS



OUR TEAM

Board of Directors

- President and Founder
Nancy Hughes
- Vice President
Gerald Reicher
- Don Steely
- Marga Larson
- Jay Lamb
- Susie Hanner
- Bob Way
- Sam Roberts

StoveTeam Staff

- Executive Director
Katie Laughlin
- Program Manager
Mike Hatfield
- Volunteer & Program Coordinator
Inara Fernandez

Photography

- Lynn Johnson, Ripple Effect Images
- Jenna Broadhurst
- Aliana Allen-Maloney
- Rianna Saenz



“What inspires me about StoveTeam is the direct and tangible impact that the organization provides in relation to improving health and well-being in the communities it serves.”

Sam Roberts
Board Member



Lynn Johnson, Ripple Effect Images

