



CREATE!

Center for Renewable Energy
& Appropriate Technology
for the Environment

Annual Impact Report

2017



Making an Impact

Dear Friends of *CREATE!*,

2018 marks the ninth year that *CREATE!* has been working in Senegal. Yet, each time we visit the field, we come away with something new from our experiences. This past year, both of us were thrilled to see the rapid progress of our new partner communities, and the continued success of the communities we have been working with over the last few years.

In 2017, we welcomed three new villages as *CREATE!* partners: Santhie, Dahra, and Mboss. With our new partnerships in Santhie and Dahra, *CREATE!* has expanded our programs to the Louga Region in northwestern Senegal. During Barry's visits in May and November 2017, he was impressed with the development of the new sites and their progress between his two trips. All of our communities have shown great initiative so far in working with our technicians to establish their garden sites and cooperative groups.

During her recent trip to Senegal, Louise enjoyed visiting all of *CREATE!*'s thriving partner communities



CREATE! Executive Director Louise Ruhr spent January-March 2018 in Senegal visiting and appreciating partner communities and the work of the staff and cooperative members, as seen here in Thienaba.



CREATE! Founder Barry Wheeler visited Senegal in November 2017 to work with the staff and partner communities, as well as host a visit from Vibrant Village Foundation Program Director Marième Daff.

and was happy to be in Thieneba for the community's graduation ceremony in late February 2018. The ceremony honored the hard work of the Thienaba cooperative members who have helped the community reach self-sufficiency and sustainability over the past five years. Having known many of the cooperative members since they first joined the program, Louise appreciated being able to celebrate their accomplishments with them this year.

Thanks to our highly dedicated staff in Senegal and the support of our donors, we are grateful to be able to keep expanding our capacity in this important work. None of this would be possible without your ongoing commitment to *CREATE!*. As always, we invite you to join in the conversation and share with us your comments, stories, questions, and suggestions.

Best wishes,

Barry R. Wheeler
Founder
barry@createaction.org

Louise Ruhr
Executive Director
louise@createaction.org

Snapshots from the Field



CREATE!'s field technicians have built up great rapport with the women in our partner communities, boosting their confidence and empowering them to gain new skills.



Ndeye Fatou Thiam, Charlotte Diedhiou, Codou Gadji, and Ndeye Fatou Sow are the four women on CREATE!'s field team, bringing an important dimension to our work, with their ability to relate to and inspire the women in our partner communities.



Driver and Field Assistant Pape Ba is attentive to the maintenance of the solar arrays that power water pumping in all thirteen of CREATE!'s partner communities. He adjusts the tilt angle of the panels to maximize the solar energy harvested from the sun.

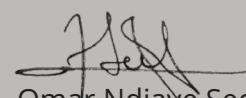


“I am so proud to lead *CREATE!*'s growing team of technician trainers. In 2017, our technicians helped hundreds of women learn how to raise chickens, save and lend money,

and grow, harvest, and market vegetables - all within their own communities. Each time our technicians work with our cooperative members, they demonstrate their knowledge, their years of experience, and their passion for *CREATE!*'s mission in Senegal.

Thanks to your donations and the dedication of our team, in the past year we expanded our partnerships to the hot, dry Louga Region of northern Senegal. There is so much need in Louga Region and our technicians were able to expertly adapt *CREATE!*'s training programs to address the challenges that these communities face.

With your continued generous support and the expertise of our technician trainers, *CREATE!* can continue to partner with more communities in rural Senegal. Thank you for being part of the *CREATE!* team!”


Omar Ndiaye Seck
CREATE! Country Director
seck@createaction.org

2017 Impacts

Water



2,500
People gained access to clean, abundant, affordable water from rehabilitated wells up to 200 feet deep

4,000-6,000
Gallons of water pumped per village per day, on average

26-65
Gallons of water collected by women for household use each day

"What I like best about CREATE! is the water sector, because I no longer have to buy water like before. We encounter very few limitations now, because there is bountiful water in the village. With water, we can do anything."
- Ngoné Mar, Fass Kane

In Senegal, the dry season lasts for nine months, yet 90% of the country's agriculture is reliant on rainfall during the short, three-month rainy period. By rehabilitating old abandoned wells and installing solar-powered pumps and gravity-fed irrigation systems, *CREATE!*'s field technicians are able to help rural communities gain access to the water they need to grow food year round in the desert.

Cooperative Community Gardens



200%
increase in amount of vegetables consumed in *CREATE!* partner communities

873
Men and women participating in garden cooperatives

55,000+
pounds of fresh vegetables harvested

"Before we partnered with CREATE!, our village was in drought. Now, with the garden site and the tree planting campaign, we have many trees and fresh fruits and vegetables in our village. CREATE! has helped us transform a great desert into a green place for the whole community." - Dié Sene, Darou Diadji

With training from *CREATE!*'s field technicians, and access to water from rehabilitated wells, partner communities are able to grow their own food all year long. Cooperative members learn to grow the vegetables they like to eat, and consistently grow enough to not only feed their own families, but also to sell the surplus in local markets, supplementing their income.

2017 Impacts

Renewable Energy

“Almost every woman in our community cooks with improved cookstoves now. We no longer need to walk many miles to collect wood. And our kitchens are cleaner because the cookstoves produce little smoke.” - Awa Diouf, Thienaba

CREATE!'s renewable energy projects include teaching women how to build improved cookstoves, implementing tree planting campaigns, and installing solar arrays to pump water from village wells. The improved cookstoves consume 50-70% less firewood than traditional three-stone open fires and produce less smoke. The tree planting campaigns help to replenish the wood that people harvest, provide shade, and produce fruits and nuts to fortify their diets. And the solar energy systems pump thousands of gallons of clean water each day, saving time and improving health and sanitation, using the renewable energy of the sun.



3-4
hours of work saved
per woman every
day by cooking on an
improved cookstove

600+
households using
improved cookstoves

25,000+
tree seedlings planted
throughout CREATE!
partner communities

Income Generation

“Thanks to the Voluntary Savings and Lending Association [VSLA] we are always able to get funds for satisfying our needs. Women are participating in commerce now that they're managing their finances through the VSLA.” - Asta Ndiaye, Fass Koffe

Thirty percent of Senegal's population lives on less than \$1.25 per day. In addition, the daily work that women do to support their families in rural villages is demanding and time-consuming, from sunrise to sunset. This includes domestic labor, such as child rearing; caring for relatives; gathering firewood; collecting water; preparing meals; and managing households. CREATE! empowers women to have more control of their finances and to save more by investing their profits from their vegetable and poultry sales into VSLAs, managed by the women and for the women in their own communities.

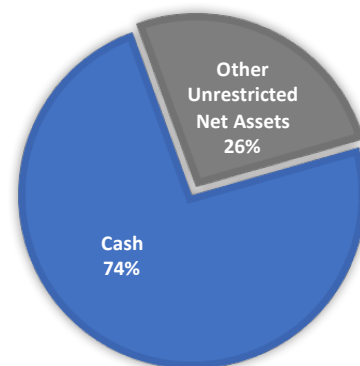
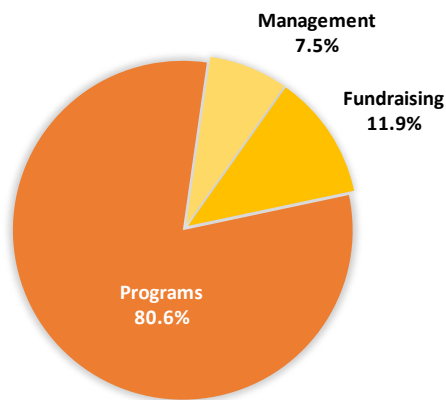
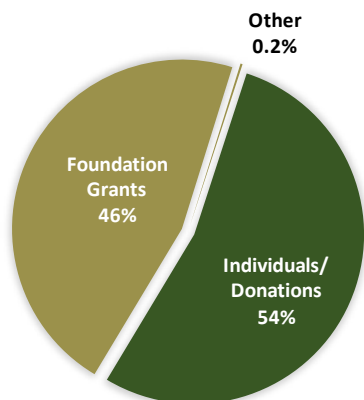


3,000+
chickens raised
and sold in partner
communities

481
Men and women
participating in
VSLA groups

100%
VSLA member
retention rate

2017 Financial Summary



Revenue

Individuals/Donations	\$224,070
Foundation Grants	\$192,705
Other	\$776
Total	\$417,551

Expenses

Programs	\$359,085
Fundraising	\$52,942
Management	\$33,349
Total	\$445,376

Unrestricted Net Assets*

Cash	\$66,738
Other Unrestricted Net Assets	\$23,601
Total	\$90,339

*As of December 31, 2017



“CREATE! has united us as a village”

Daba Séné, 45, of Keur Daouda, remembers when cooking the daily meal for her family of eight was a lengthy process. “When I used to cook with the traditional three-stone fire, the wood would burn up quickly and I’d have to keep adding more,” she says. “But now with the improved cookstove, I only use two loads of wood per year, instead of four to five loads.”

“There are also no more fire risks in the village,” says Daba. Built out of clay, sand, dry grass, and water, the cookstove contains the fire within its walls, absorbs its heat, and re-radiates it onto the pot.

In addition to saving time and money with her improved cookstove, Daba notes that the community garden has also had a big impact on her life. “Before CREATE! partnered with our community, we couldn’t eat fresh vegetables regularly, but now we grow a variety of vegetables in the village and sell them on the weekly market in Guinguineo,” she says. “My family now eats vegetables all week long.”

Daba can already see the value of her community’s accomplishments so far. “CREATE! has united us as a village, and has improved our living conditions,” she says.

Thank You 2017 *CREATE!* Donors



Brian Ahern
Janice Leader and Terrence Ahern
Miriam Aiken
Patricia Andersson
Sarah and Chad Atkins
Patricia Baker
Lucy Bartley
Sally and Richard Bartley
Robert Bellucci
Memory Blodgett
Travis and Linda Blount
Joshua Briggs
Susan Briggs
Margaret Broadbent
Nancy and Wesley Brown
Sidney Buffington
Nancy Burbank
LinTi Chang
Marco Colombo
Sam Connor
Patricia Crane
Katie Crews
Sarah Dennehy
Diane Dietz and Mike Karn
Neil Dryden
Emily Edwards
Jim and Teri Edwards
Elizabeth Elledge
Suzannah Fabing and James
Muspratt
Mari Farrell
Anne and Frank Firicano
Barbara Forster
Constance Freeman
Ketty Gattman Miller and John
Miller
GlobalGiving
Elizabeth Gordon
Matt Gray
Linda Green
Kiarne Greener
Kim and Kurt Grigsby
Madilyn Grigsby
Kaitlyn Grigsby
Alice and Brian Gross
John and Judy Groves
Thomas and Peggy Hall
Barbara Hitchcock and Jan
van Steenwijk
Joel Hoekstra
Heather Hudson
ImpactAssets
David Isquick
Suzie and Wally Johansen

Tony Kaperick and Carol Yahner
Shannon Kaplan
Margot Kenly and Bill Cumming
Susan Kirkland
John and Lelia Lamson
Lane Forest Products
Deidre LaPin
Margaret Law
Jill Lawrence
Joyce Leader
Angie Leister
Suzann Lindsay
Nan and Phil Logan
Rosemary and Thomas Loy
James Lucas
Carole Lyons
Gaylene and Pete Main
Janean Mann
Niels Marquardt
Liz Martin
Nicola Maxwell
Jim and Carole McCotter
Sage McCotter and Randy Hulett
Margaret McKelvey
Mary-Kay Miller and Richard Bartley
Susan Costa, Mosaic Fair Trade
Collection
Peter Moskovitz
Evelyn Nagy
Judith Nelson
Sandra Ng
Anne Niemiec and David Kolb
Lowell and Sonja Noteboom
Andrew and Amanda Novelline
Rick and Carol Olson
Sherry and Tom Ormiston
Pacific Continental Bank
Angela and Sergio Perfetti
Thomasina Petrus
Sharon and Michael Posner
Fred and Cathy Raley
John and Barbara Robertson
Marilyn Ross
Louisa Rucker
Louise Ruhr
The Schaefer-Walton Family
Becky and John Schenck
Susan Schwartz
Patricia Sharpe
Andrew and Mary Ellen Shirshac
Roz and Paul Slovic
Thelma Soderquist and Larry Robidoux
Joan Sorenson
Jane Souzon

David and Jannie Spain
Camille Staley
Kerry Stevenson
David and Wenola Straw
Robert Strubing
Lynne Swift
Richard and Ashley Taylor
Ron and Pam Taylor
Jessica and Eric Thomason, Wrap City
Susan and Richard Thompson
Carmelita Thomson
Haley Thrapp
Roxanne Tisdale
Mary Tjosvold
Helen Towle
Mark and Carol Tuffo
Audrey Ulm
Phyllis Villec
Robin Weil
Marco Werman and Schuyler Engel
Larry and Jerri Wetsel
Barry Wheeler
Bruce Wheeler
Ellen Wheeler
Emily Wheeler
Evan Wheeler
Carol Whipple
Pam Whyte and Ron Saylor
Wilmington Trust
Keith Wohlberg
Susan Wyatt
Xcel Energy Foundation
Leslie and Tachi Yamada
Ed and Betty Gayle Zickefoose

In-Kind Support

Marjorie Bridges, MEB Accounting
Services
CBT Nuggets
The Kiva Grocery
Beverly McDonald
Safeway
Uplink Spyder, Inc.
Emge & Whyte

Foundation Grant Support

Frankel Family Foundation
The International Foundation
NEID Giving Circle, Donor Advised
Fund of the Boston Foundation
One Day's Wages
Spawglass Foundation
The Susan A. and Donald P.
Babson Charitable Foundation
Vibrant Village Foundation

Because of your generosity, *CREATE!*'s partner communities in rural Senegal continue to thrive. Thank you for your support!

"At each of the *CREATE!* sites I visited in Senegal in February 2018, women expressed deep gratitude for their partnership with *CREATE!* because, they said, they were learning skills they needed to make their lives better. They cited year-round access to vegetables they could grow themselves instead of having to buy them at the market, the savings groups that could provide access to funds in the village rather than having to go to a bank in town, and the cookstoves that require less wood to prepare family meals. They asked us to let all the people 'at home' who support *CREATE!* know how much they appreciate *CREATE!*'s help. Becoming emotional, the spokeswoman would say: 'We are so grateful to *CREATE!*... so grateful that we have no words... we have no words to express how we feel.'"

-Joyce E. Leader, *CREATE!* Board Member



CREATE! Board Chair Ron Taylor enjoyed speaking with the field team about their recent well rehabilitations among other projects.

During his visit in November 2017, CREATE! Founder Barry Wheeler held refresher trainings and sustainability discussions with the field team and spent time in all of CREATE!'s partner communities, appreciating their progress and offering guidance and support.



Meet *CREATE!*'s Board of Directors

Barry Wheeler, Founder
Eugene, OR

Ron Taylor, Board Chair
Seattle, WA

Susan M. Briggs, MD
Boston, MA

Ambassador Joyce E. Leader
Eugene, OR

Mary-Kay Miller, PhD
East Kingston, NH

Fred Raley
San Antonio, TX

Emily Edwards
Eugene, OR


Mina Remy
Boston, MA

Contact Us!

www.createaction.org

US Office:
132 East Broadway, Suite 416
Eugene, OR 97401

Senegal Office:
BP 59
Quartier Diakhao
Gossas, Senegal

 @createsenegal

 @createactionorg

 @createsenegal