

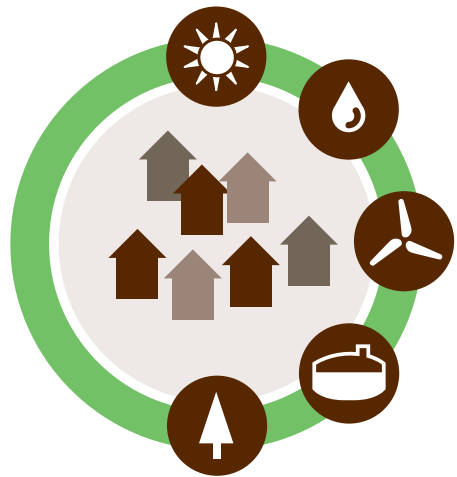


Working with in-country partners to install renewable energy and water systems in rural villages around the world since 1997.



green empowerment

Our Mission



Green Empowerment provides villages in the developing world access to clean water, electricity through renewable energy, and sustainable solutions.

How We Work



Partner with local non-profits (NGOs) in each country and provide needed resources, technical expertise, funding and networks.

Train motivated communities to install, maintain and pay for their own energy and water projects. Projects are sustainable when they are organized locally and combined with environmental protection.

Inspire other communities to pursue clean water and electricity **for the first time.**



E-Newsletter

Sign up online or email info@greenempowerment.org to receive e-news announcements of events, trainings and service learning opportunities!

Why Water and Energy?



Water: Clean water to drink, building latrines and hand washing education reduces illnesses and saves lives.



Energy: Renewable energy for homes, clinics, small businesses, and schools generates income, improves health and creates opportunities.

Since 1997, thanks to supporters like you...

10,883
people
have safe
water to
drink



217,240
people
have access to
schools & clinics
that now have
electricity



24,062
people
power lights and
appliances
in their homes



1,855
acres
of rainforest
protected
forever



= 1,000 People
 = 100 Acres



With your help, we can reach more people--give today!

We multiply every \$1 donated by fundraising an additional \$4.21 through grants.



A new center trains indigenous people to construct, operate and maintain renewable energy systems in local communities.

Photo by Gabriel Wynn, Green Empowerment, Kg. Nampasan, Penampang, Sabah, Malaysia, 2012.

Local Non-Profit Partners (NGOs)

Eastern Africa¹

Practical Action, Nairobi, Kenya

Colombia

APROTEC, Sucursal Villavicencio

Malaysia

Tonibung, Sabah, Borneo

Nicaragua

Asociación Fénix, Managua

La Asociación de Trabajadores de Desarrollo Rural-Ben Linder (ATDER-BL), Matagalpa

Peru

Desarrollo Sostenible En Accion (DESEA), Calca

Soluciones Prácticas-ITDG, Cajamarca and Lima

Philippines

Alternative Indigenous Foundation, Inc. (AIDFI), Bacolod, Negros Occidental

Philippines Center for Water and Sanitation (PCWS), Quezon City

YAMOG, Davao, Mindanao

SIBAT, Quezon City

Thailand / Burma

Border Green Energy Team (BGET), Mae Sot

Interns

Thank you to the outstanding interns that assist Green Empowerment's staff, in-country partners and local communities.

Borneo: Adan Rodriguez, Michael Toal

Nicaragua: Bryan Ferry, Drew Gallagher, Ross Kirshenbaum, Richard Koehler, Elijah Wilson, Kate Zylland, Jeff Zylland

Peru: John Steed

Thailand: Kara Bennet, Alena Kuczynski

Volunteers

Thank you to everyone who has volunteered their time and expertise to greatly enhance the work of the office, partners and programs, including the Green Empowerment (GE) Health Committee, GE Climate Change Committee, and The Harvard Business School Association of Oregon.

Significant contributions were made by the following individuals:

Karen Bailey, Linda Cella, Steven Clough, Jan Fenton, Kathy Foldes, Andrea Goodwin, Paul Hawkins, Lee Hunt, Jan Johnson, Amanda Morse, Jay Moskovitz, Robin Phillips, Mike Stangl, and John Steed.

¹Starting 2013.



Jojo Fajardo and Anna Garwood, Philippines, 2013.

Green Empowerment Team

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Executive Director

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Philippines Program Manager

Dexter Gauntlett
Program & Development Manager

Emily Green
Program Director

Aaron Liss
Technical Program Manager

Michel Maupoux
Technical Director

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Nicaragua Program Coordinator

Sherri Phillips
Communications Manager

Amy Reaney
Financial Manager

Gabriel Wynn
Borneo Program Manager

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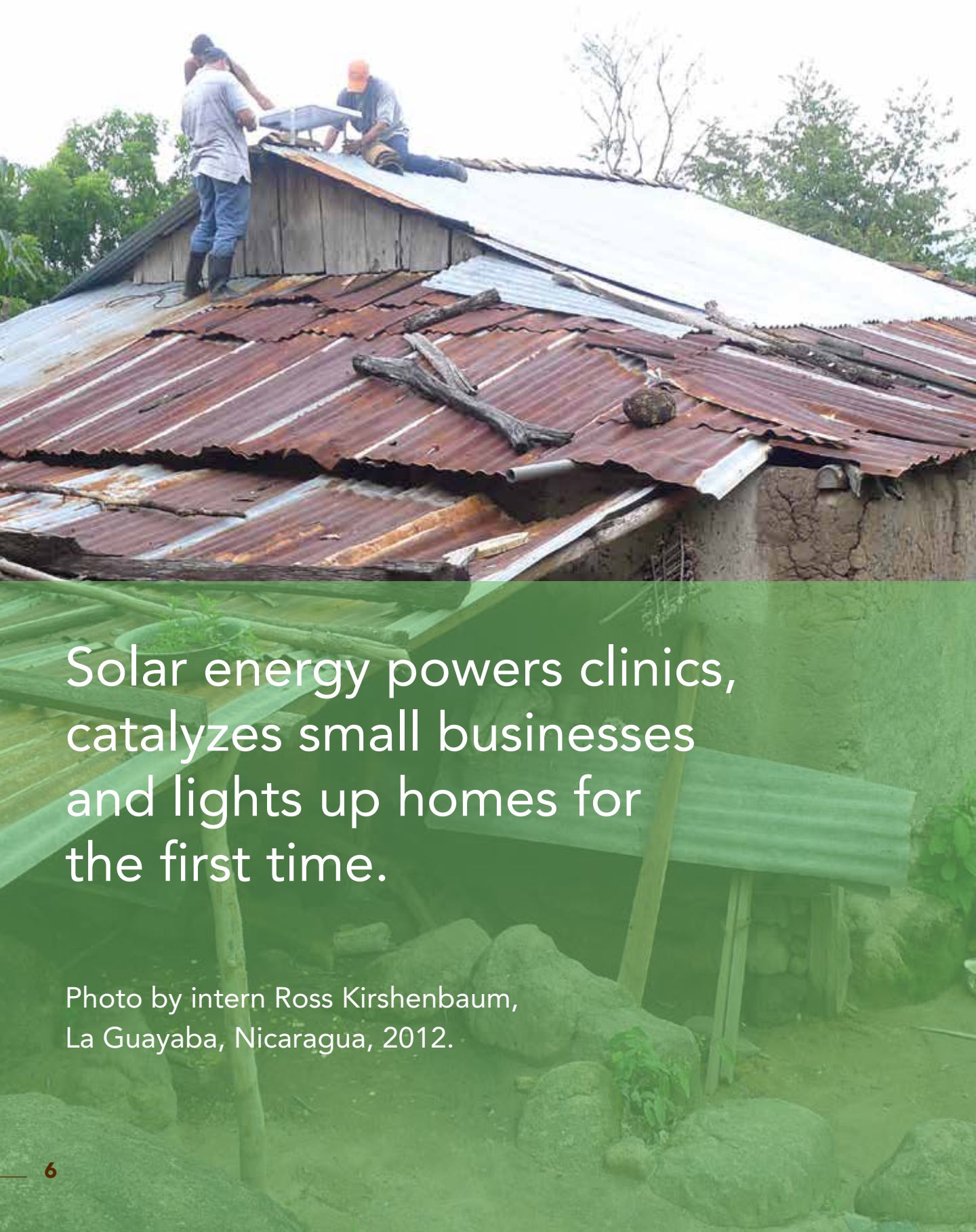
Peter Murchie

Michael Royce
Founder of Green Empowerment

Katrina Gonzalez Yuen³
FMYI & MNLSTYLE

² Board member starting 2013.

³ Term on the board ended in 2013.



Solar energy powers clinics,
catalyzes small businesses
and lights up homes for
the first time.

Photo by intern Ross Kirshenbaum,
La Guayaba, Nicaragua, 2012.

**Experts in community-based projects for over 15 years,
Green Empowerment partners to develop peer-to-peer
networks and trainings through the following efforts:**



Latin American Biodigester Network (RedBioLAC)

Green Empowerment is the secretariat of RedBioLAC (www.redbiolac.org), a network of institutions involved with applied research and advocacy of anaerobic biodigesters, which aims to stimulate comprehensive treatment and management of organic waste in Latin America and the Caribbean. In 2012, GE co-organized a conference in Nicaragua which brought together 84 people from 14 countries to exchange know-how, improve the quality of the technology, and promote its use.



WindWorks

The WISIONS/Green Empowerment Regional Partnership concentrates on the development, implementation, and dissemination of small-scale wind turbines in Latin America. As part of this initiative, in 2012, we supported a wind study to analyze the viability of small wind turbines for rural electrification in Nicaragua, installed wind turbines at an orphanage in Peru, and set up remote dataloggers to monitor and improve wind generator technology.



Vocational Training in Clean Energy (VOCTEC)

 Led by Arizona State University and supported by USAID, VOCTEC (www.voctec.asu.edu) aims to improve the sustainability of off-grid renewable energy projects in developing countries. Green Empowerment was selected to develop training materials for micro-hydro projects. In 2012, the team visited Liberia, where the first trainings of village technicians will take place in 2013.



Service Learning

Opened the eyes of 75 people who participated in Service Learning trips to see our projects first hand and work alongside community members. In 2012, trips included Virginia Tech and the Blacksburg, VA-Bocay Sister City group, Portland State University's MBA program, Vassar College, Oregon Institute of Technology, Havurah Shalom Synagogue, and Presidio University.



River turbine similar to prototype.



PCWS Community Development Facilitator Abduhail "Ya" Hajihil and Green Empowerment's Aaron Liss test water. San Isidro, Alang-Alang, Leyte, Philippines, 2013.

Photo by Anna Garwood.



A greywater system reuses dishwater by piping it directly to patio gardens, El Jocote, Nicaragua, 2013.

Photo by Sherri Phillips.

Colombia

- Formed the Network for Biomass in Colombia (RedBioCOL) and co-organized kick-off conference with 25 people at a sustainable farm powered by biomass in Colombia.
- Tested an innovative river turbine, a new way to generate electricity in rural areas.

Philippines

- Launched 3 year USAID-supported program to deliver water to 15,000 people in 38 communities using ram pumps, biosand filters and other sustainable technologies, along with water and sanitation education.
- Expanded a Sustainable Agriculture Training Center to teach farmers how to increase income and reduce chemical use on farms.

Nicaragua

- Facilitated donation of \$200,000 in solar panels to Nicaragua for schools, homes and businesses.
- Increased income, improved health and conserved watershed through establishment of tree nurseries, crop diversification, and sustainable farming in El Bote and San Jose de Bocay.
- Installed a 15 kW micro-hydro project for 120 people in El Plan and extended energy service from a micro-hydro project to 160 people in La Camaleona.
- Diversified agricultural production for three communities with the installation of 7 solar powered irrigation systems in the department of Boaco.
- Installed 22 improved cookstoves in El Jocote and San Jose de Bocay, reducing deforestation, and improving the health of women and children through cleaner air and less time spent collecting firewood.
- Constructed 10 patio gardens in the community of El Jocote, making use of greywater and improving nutrition and health.



Wind turbine at the Tarpuy orphanage in Peru, 2013.

Photo by Franco Canziani.



Gabriel Wynn in Borneo, 2012.



Solar power installation in Thaninthary Division, Myanmar, 2012.

Photo by Salai Jobson, BGET.



Solar power installation at The City of Joy, 2012.

Photo by volunteer Michael Stangl.

Peru

- Brought light and energy to an orphanage using wind power. In addition to powering lights and appliances, the wind turbine pumps water to irrigate a fig orchard--generating income to support the children.
- Supported Practical Action in the development of a micro-hydro system in San Miguel de la Pauca which delivers energy to 175 people, a leadership development program for technicians in Cajamarca, solar power for a clinic in Quebrada Honda, and clean water and sanitation in Sallani.
- Improved the health of 414 people through water filters, primary health care, and training indigenous community health promoters in Chaupimayo.

Borneo, Malaysia

- Began construction of the Innovative Skills Training Center, a community-based renewable energy training center in Sabah.
- Sponsored the Southeast Asia Renewable Energy People's Assembly, www.searepa.com.

Myanmar

- Trained local technicians and installed solar power on 2 clinics and 5 Free Burma Rangers facilities where 'backpack medics' are trained and also document human rights abuses. Each clinic serves 3,000 - 5,000 people a year. Solar energy is used to power lights, computers, refrigerators and medical equipment.

Democratic Republic of Congo

- Constructed a 7 kW solar system at the City of Joy, a refuge for sexually assaulted women in Bukavu, on the border with Rwanda. City of Joy is a safe place for women to heal physically and emotionally and regain control of their lives.

Many Thanks to Our Donors!

Annual report online has a full list of donors, www.greenempowerment.org.

\$20,000 +

Arizona State University | Environmental Protection Agency | IUCN National Committee of the Netherlands | MAP Royalty Inc. | National Geographic | SunPower Corporation* | Thanksgiving Fund of the American Endowment Foundation | The Good Works Institute | United States Agency for International Development | Vibrant Village Foundation | Wuppertal Institute For Climate, Environment and Energy |

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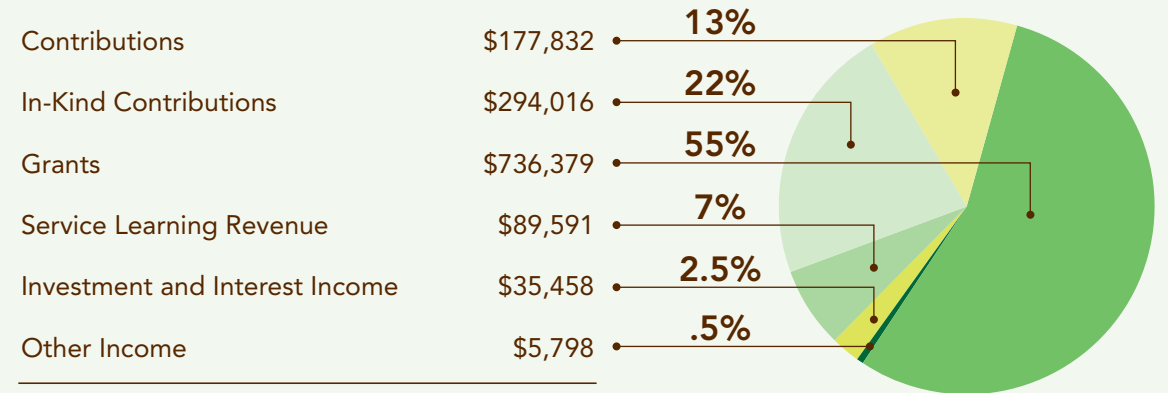
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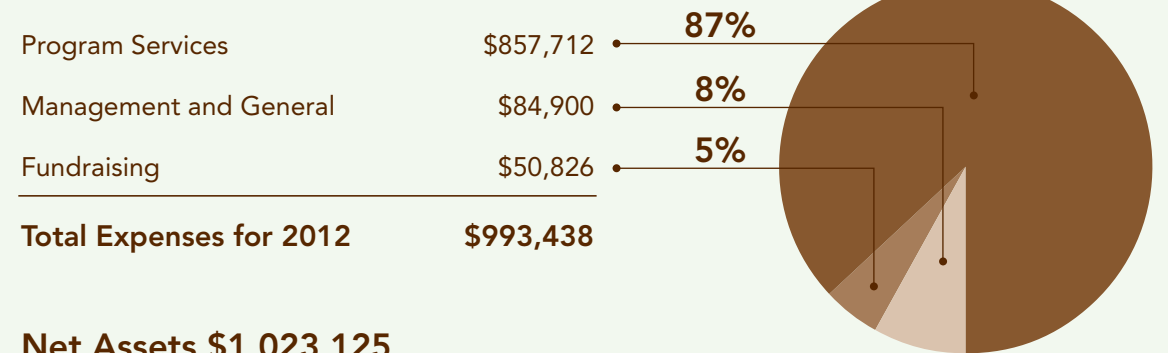
* In-kind Donation.

2012 Revenue



Total Revenue for 2012 \$1,339,074

2012 Expenses



Total Expenses for 2012 \$993,438

Net Assets \$1,023,125

Green Empowerment's audited financial statements are available online at www.greenempowerment.org.
2012 financial statement audit was conducted by Richard Winkel, CPA.



Green Empowerment's Michel Maupoux pictured bottom, left. Gbarnway, Lofa County, Liberia.

News to Watch in 2013

- Completion of water projects in 8 communities in the Philippines, serving 10,000 people
- Installation of solar power for 3 clinics in Myanmar
- Micro-hydro operation and maintenance training for 8 village technicians and 3 vocational school teachers in Liberia (the 2012 team visit, pictured on the left)

Many groups to thank for their generosity of resources, time, and expertise:

Global Green USA | Luminalt | Mercy Corps | Program Design and Evaluation Services (PDES) | Renewable Power Design Group | Solartechnik Steins | Stumptown Coffee Roasters | SunPower Corporation | Trojan Battery Company

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Our Mission: Green Empowerment provides villages in the developing world access to clean water, electricity through renewable energy, and sustainable solutions.



green empowerment

Village Solutions for Global Change

Green Empowerment depends on generous individuals like you to make our life-changing work a reality.

How to Give:

Mail, call, or donate via our secure website:

140 SW Yamhill Street, Portland, OR 97204

phone: 503-284-5774

www.greenempowerment.org

Contact us via email:

info@greenempowerment.org

Please follow us on twitter:

@grnempower and on **facebook**

Ways To Include GE in Your Estate Plan:

- Remember Green Empowerment in your will or trust
- Designate Green Empowerment as a beneficiary of your retirement plan, or list us on your life insurance policy



FOR THE PLANET™

Green Empowerment is a non-profit partner with 1% for the Planet, www.onepercentfortheplanet.org.

Cover Photo: Later this year, Dania's (age 14) community will have water piped directly to homes, El Balsamo, Nicaragua, 2013. Photo by Sherri Phillips, Green Empowerment.

Photo Above: To ensure safe drinking water, a ram pump and filtration system will be installed in this community, Tombo, Alang-Alang, Leyte, Philippines, 2013. Photo by Aaron Liss, Green Empowerment.

Green Empowerment is a U.S. 501(c)(3) nonprofit organization founded in 1997.

503-284-5774

www.greenempowerment.org