

2016 Annual Report

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Dear friends and colleagues,

The best partnerships may be borne out of a common goal, but they thrive when they embrace equality and passionately pursue social change.

Two days before the 7th anniversary of the earthquake in Haiti, I joined the final inspection and handover of the first retrofitted houses in Martissant, a complex, congested neighborhood in Port-au-Prince hit hard by the earthquake, poverty, and crime. The Ministry of Public Works engineer and the representative of the Haiti government housing unit checked the construction to ensure we had met the standards. The Build Change engineer and architect, the homeowner, the builder were all present, celebrating this big step toward building quality enforcement by government officials, toward long-term change.



Our very first partners – Echoing Green, Mercy Corps, and the Draper Richards Kaplan Foundation – gave me the confidence to start Build Change and the opportunity to launch our first program in Aceh, Indonesia after the tsunami.

Government partnerships are essential for preventing houses and schools from collapsing in the next earthquake. We thank our government counterparts in Haiti, Guatemala, Colombia, Indonesia, Nepal and the Philippines for their expanding enthusiasm for prioritizing this issue.

Autodesk Foundation, Hilti Foundation, RMS, Caterpillar Foundation, ANA and Lenovo have generated triple wins that benefit all partners – Build Change, the corporate partner, and our clients.

We're so grateful to the Tech Awards, Ashoka, the Schwab Foundation, and the Clinton Global Initiative for believing in the power of partnerships, and that social entrepreneurship can lead to better outcomes after disasters.

And now, we are thrilled to be welcomed into the Skoll community with a 2017 Skoll Award for Social Entrepreneurship.

Can one organization change the world?

Yes, but they need a lot of help from their friends. So thanks to the NGOs, governments, funders, supporters of social entrepreneurship, corporate partners, builders, schoolteachers, brickmakers and homeowners we've had the privilege and joy of partnering with for a safer future.

With best wishes for a safe and partnership-filled 2017,



Dr. Elizabeth Hausler Founder & CEO



# The Power of Partnership

# Millions of houses and schools around the world are vulnerable in disasters.

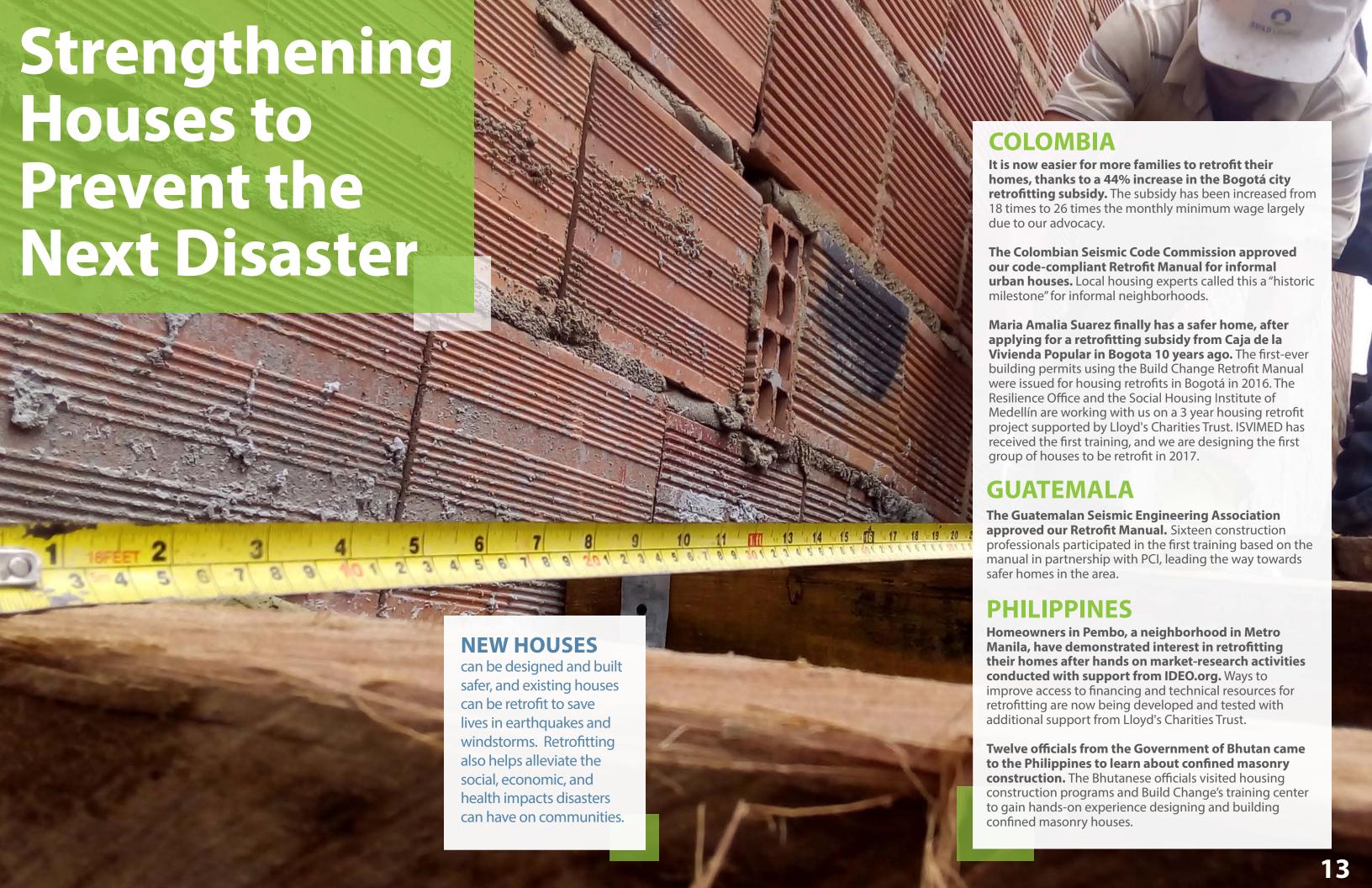
There are many factors contributing to this issue, ranging from a lack of training for builders and engineers, to poor quality building materials or lack of financing for safe construction projects. The challenges are complex, so it is necessary to include multiple perspectives and approaches from all sectors of society and the economy to address them.

Together with private sector businesses, foundations, governments, NGOs, entrepreneurs, and homeowners, we have shaped our programs to address the unique barriers to safe construction. These relationships have contributed local insight, international expertise, financial incentives, political will, and the ability to generate innovative solutions to change construction practice permanently.

We are proud to dedicate this year's annual report to all of our partners who have inspired, supported, and driven us to great heights over the past 12 years.

















#### HAIT

Hurricane Matthew made landfall in Haiti on October 26, 2016. With support from RMS, Build Change engineers assessed the storm's impact on the built environment as well as the ability of local builders and blockmakers to respond to reconstruction needs. No houses built with Build Change technical assistance were damaged. In 2017, a training program will be launched in the South Department, which was most severely impacted by the storm.

LAMIKA, a holistic American Red Cross-funded program that included strengthening homes and upgrading sanitation and water access, was completed in Campeche and other neighborhoods near Port-au-Prince. By the end of the project 522 families are now living in 185 safer houses, and 472 students are learning in 2 safer schools.

The Haitian Government's Unit for the Construction of Housing and Public Buildings (UCLBP) continues to support the AREMA Center for Reconstruction Assistance in Martissant alongside our team. In 2016 engineers evaluated 44 houses or plots in this Port-au-Prince neighborhood, and designed 43 retrofits or new buildings while training 20 builders and 24 homeowners in safe construction practices throughout the process. By the end of the project in August 2017 there will be a total of 233 housing units providing safer housing for 235 families.

#### **NEPAL**

The Government of Nepal has increased the number of disasterresistant technical resources available specifically focused on how to address the issues that led to severe damage during the 2015 earthquake. Homeowners, school officials, and government agencies now have access to retrofit designs for mud-and-stone houses, and construction designs for lightweight school buildings and confined masonry houses.

Community theatre is a long standing tradition in Nepal. Together with a local theatre partner, we have developed a new theatre piece about the 10 key messages of earthquake-resistant construction. Over 32,000 people have seen the humorous, educational, and entertaining story about simple ways of building a stronger home.

To date, 569 builders have been trained in safe construction, including on-the-job training in new construction and retrofitting techniques.

#### **PHILIPPINES**

Thirty-one families are now living in safer homes outside the storm surge zone, thanks to a partnership between Give2Asia, the Guiuan Development Foundation, Inc, and Build Change. Homeowners and local builders benefitted from technical assistance and training to build safer homes.





#### **Autodesk Foundation**

Autodesk Foundation has contributed donations of software, technical support, employee volunteer time, student expert interns, and funding to all of our active program locations. Their support drives some of our most innovative projects, including using drones to guide safe reconstruction in Nepal and integrating advanced engineering software into our design work in Haiti.

"We've been proud to support Build Change over the past few years and have been impressed by their advanced use of our design technology to improve disasterresistant design and construction for high-risk areas. Their work is greatly improving post-disaster reconstruction standards and saving lives."

-Joe Speicher Executive Director, Autodesk Foundation

#### **RMS**

RMS has contributed to Disaster Risk Reduction in 6 countries over the past 5 years of our partnership. RMS takes our partnership to the field, sending a team of staff and clients to one of our in-country programs annually.

"Build Change has made unprecedented progress over the past 10 years in reducing future earthquake casualties in developing countries. By investing in Build Change, RMS is helping to minimize loss and risk in communities with the least resources to cope with disasters."

- Hemant Shah, Co-founder & Chief Executive Officer, RMS



#### **Ricardo Ramirez**

Ricardo Ramirez is a Colombian architect who specializes in the development of housing improvement programs. He has worked for more than 30 years in the development of public policies and has developed housing improvement projects throughout Colombia.

"Build Change has achieved a historic social and technical innovation through the approval of the manual for retrofitting informal housing, and beginning to implement retrofits in Bogota alongside city authorities. The most important seismic engineering authority in the country has approved this methodology, which allows homeowners to continue to drive the construction of their homes while improving the seismic performance of existing houses."

- Ricardo Ramirez

# Partners

#### **Global Platform Partners \$100,000+ for 3 years**

**Anonymous Donor** 





















#### **Changemakers \$100k+**











**Builders** 

\$25k - \$49,999





Eucalyptus Foundation





**Brickmakers** 

\$10k - \$24,999





**Sigurd & Kelly** Anderson

**Anonymous** Donor



CARITAS Schweiz Suisse Svizzera Svizzera







**Phyllis** Friedman

Grace Hanson











**The Fortune Family Fund** 

The Schauble **Family Foundation** 

**Thornton Tomasetti** Foundation



#### **Additional Partners**

Agora Charitable Fund • AmazonSmile Foundation • ARSOW • Ball Corporation • Bonaparte Charitable Fund • Copper Kettle Brewing Company • Carrington Risk Consulting • City Center Realty Partners LLC • Colorado School of Mines • Curry Stone Foundation • Duval & Stachenfeld LLP • HELP • Hutton Family Foundation • Jagged Mountain Craft Brewery, LLC • McElwee Charitable Account • Pohlad Family Foundation • Rato Bengala Foundation • Sorrel Fisher Trust • Steven Gomberg Family Fund • Zoback Family Charitable Fund

#### **Gifts in Kind**

All HaitiPinless • ANA • Cisco Webex • Jennifer Pazdon • Lagunitas Brewery • Lenovo • Katie Pitts • Sigurd Anderson • Techsoup



# Donors & Supporters

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**Anonymous** Sandra Bagnatori

**Fiona Bannert** 

**Alexis Barber Douglas & Annette Barndt** 

Sara Bebars

**Barry & Andreatta** 

**Nichole Bell Laurie Bennett** 

**Robert Bentley** 

**Prescott Bishop** 

**Mark Bohm** 

**Janet Boley** 

**Sunita Bose** 

Thomas Bridge

**Uta Brookes** 

Sean Callan

**Brian & Linda Cambra** 

Darlene Charneco

**Shuyuan Chen** 

**Beth Churchill** 

**Rosemary Clark** 

**Elizabeth Couchman** 

**Renata Cummins** Matthew d'Alessio

**Jacelyn Del Prado** 

**Jeffrey Dobrinsky** 

**George Dyke** 

**Craig & Molly Ehrlich** 

Michael Faber

Randi Feldman

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**Patricia Foster** 

**Caroline Fox** 

**Maria Frontoso** 

**Suzie Garas** 

David, Finn, &

**Shannon Gilbert Matt Glickman** 

Karineh Gregorian

**Helen Griffith** 

**Rachel Gumey** 

**Bonnie & Don Hausler** 

**Elizabeth Hausler** 

**Preston Henne Lauren Hinton** 

Susan Hirsch

**Anton Honikman** 

& Jessica Lindl

**Craig Huey Geoffrey Jones** 

**Gary Just** 

**Rashad Kaldany** 

**Daniel Kamenetz** 

**Dinesh Katariya Rohit Kaushik** 

**Luke Kennedy** 

**Thomas Kim** 

**Terrence Kingston** 

**Aaron Koegel** 

**Douglas Koshland** 

**Phlyp Koshland** 

Svetlana Kostukovsky

**Bruce L Kutter** 

Rebecca Laberenne

**Anthony LaGreca** 

Philip LeGrone **Deirdre Lizio** 

Richard Long

**Tim Louis** 

**Jacob & Chesley** 

Lowenstern

**Andrew MacGregor** 

**Kristin & David** 

Macknight **Todd Marinchak** 

**Adrian Mark** 

Joe Melly

**Robert Merkel** 

Trena Mova

Kana Muraki

&Larry Miao

**Mary Pat Murphy Arun Nair** 

**Thom Neff Kara Nelson** 

**Matthew Nielsen** 

**Ralph & Katharine Nixon** 

**Alastair Norris** 

**Robert Nothstein Nader Pakfar** 

**David Poe** 

**Scott & Kathleen Pollock** 

Steven & Anne Puricelli

**Richard Quittmever** 

**Katherine & James** Rothschild

**Marisa Ruscitto** 

**Gina Russoniello** 

**Robert & Judith Sassetti Jeffrey & Trey Schlarb** 

**Andrew & Catarina Schwab** 

**Kandasamy Sethuraman** 

Dan Shapiro

**Nicholas Sitar** 

Maja & Adam Smith

Joe Soboleski

Elizabeth Soh

**Daniel Stevens** 

**Karen & Thomas Still** 

**Cody Stumpo David Swartz** 

**Brvce Tanner** 

**Reynolds Taylor Christopher Thomas** 

Thomas & Sheila Tsai

**Noll Tufani** 

**Paul & Jennifer** VanderMarck

**Lisa Wang** 

**Jeff Waters** 

Olivia White & **Martin Fisher** 

**Holly Widen** 

**Jack Woodruff** 

Roger & Ruth Wu

Andrea & Mark Zola



Thank you to our supporters who believed in us from the very beginning. These organizations gave us our start, and showed us the power of partnerships.



#### **Echoing Green**

The global social venture fund Echoing Green named Elizabeth Hausler among the world's "Best Emerging Social Entrepreneurs" and awarded her the Echoing Green Fellowship in 2004, giving Build Change a powerful platform to start on.



#### **Ashoka**

Ashoka is a global community of social entrepreneurs who deliver innovative solutions to social problems, which is why we are so proud that they named Elizabeth Hausler to the Ashoka-Lemelson Fellowship in 2009.



#### Traper Richards Kaplan The Draper Richards Kaplan **Foundation**

The Draper Richards Kaplan Foundation awarded Elizabeth Hausler and Build Change 3 years of funding and business assistance in 2006, allowing Build Change to build a strong foundation for the next decade of projects (and beyond!).



#### The Schwab **Foundation** for Social **Entrepreneurship**

The Schwab Foundation for Social Entrepreneurship named Elizabeth Hausler a US Social Entrepreneur of the Year in 2011, giving Build Change access to a network of leading social entrepreneurs from more than 40 countries.

# Spotlight on Build Change



#### Take a look at where our staff, programs, and partners were featured in articles and lectures around the world this year.

#### **January 11 - The Huffington Post**

<u>"5 Powerful Ideas for Global Impact from Social Entrepreneurs"</u>

#### February 1 - Civil & Structural Engineer Magazine

<u>"Build Change: Worldwide Technical Excellence in Search of Local Solutions"</u>

#### March 8 - Eco-Business

"Why Women are the Architects of Our Sustainable Future"

#### March 16 - EERI Friedman Family Visiting Professionals Program, University of Notre Dame

Lecture by Elizabeth Hausler.

#### April 6 - CSR Asia

"The rural resilience challenge – poor construction quality a key factor behind high casualties"

#### April 9 – Engineers for a Sustainable World Conference, UC Berkeley

Lizzie Blaisdell presented "Sustainability in Disaster-Resistant Housing".

#### **April 21- World Vision Nepal**

"Harnessing Theater to Build Change"

## May 3 & 4 – ULEAM in Manta & Paraninfo Universidad Tecnico, Portoviejo, Ecuador

Lizzie Blaisdell, Juan Caballero, and Walter Cano presented "Experiences with housing reconstruction: Lessons from other earthquakes".

#### June 2 - Andean Parliament

Juan Caballero spoke on prevention and risk in the Andean region.

#### June 6 - El Espectador (Bogotá, Colombia)

<u>"Por un hábitat seguro"</u> (For a Safe Habitat)

#### June 21- Solidsmack

"Think | REVOLUTION: How Build Change is Rebuilding Communities" featured our partnership with Lenovo and their ThinkRevolution program.

#### **June 25 - Impact Journalism Day**

Sparknews coordinated with 55 newspapers from around the world to publish articles on Philippines was featured in 8 newspapers:

Les echos du Nord – Gabon (French)

'Actu / Mon Ouotidien – France (French)

La Tribune de Genève – Switzerland (French)

El Heraldo – Honduras (French)

<u> The Straits Times – Singapore (English)</u>

Le Soir - Belgium (French

The Philippine Star – The Philippines (English

#### July 27 - 100 Resilient Cities, Medellín

Elizabeth Hausler and Juan Caballero participated in sessions for Medellin - Antioquia to become part of 100 Resilient Cities, working on a risk management project alongside the Rockefeller Foundation and FLADES.

#### September 21-23 – CGI Annual Meeting, New York City

Build Change was featured in the Opening Plenary Session, and Elizabeth Hausler participated in the session "What We Know Now: Applying Lessons Learned to Advance Haiti's Future".

#### September 22 – Singgalang (Padang, Indonesia)

"DPRD Dukung Penggunaan Bata Sesuai Standar Nasional" (Parliament Supports Use of Bata National Standards Compliance)

#### October 12 – Chevron Lecture Series at Colorado School of Mines, Golden, CO

Elizabeth Hausler presented as a part of Colorado School of Mines Society of Women Engineers.

#### November 2, 2016 - Fast Company

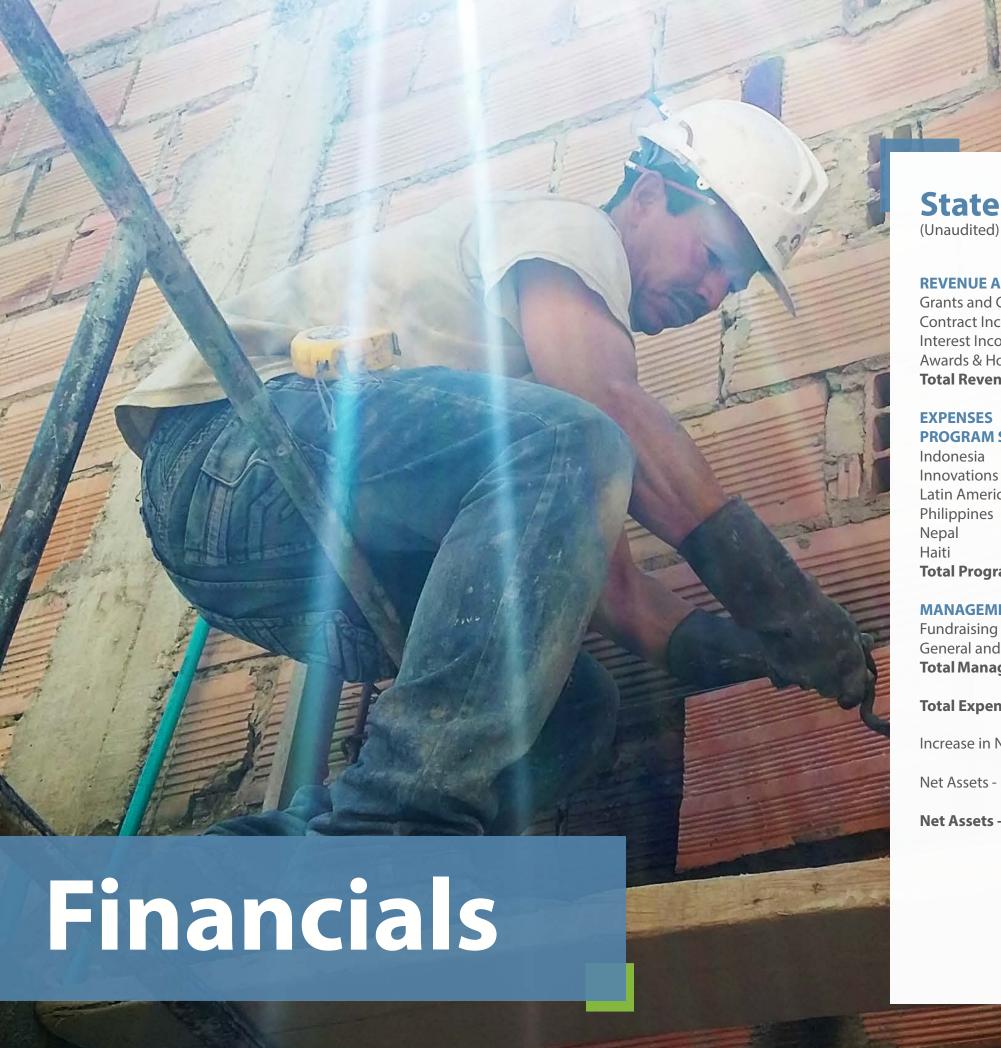
"How Cities' Most Underserved Neighborhoods are Making Themselves More Resilient"

#### November 10, 2016 - See Change Magazine

<u>"Building Resilience Against Natural Disasters:</u>
Build Change takes technology to the next level"

#### November 14-17, 2016 – Autodesk University, Las Vegas, NV

Uttam Pudasaini spoke on the Impact Summit Panel on drone mapping for safer reconstruction in Nepal.



#### **Statement of Activity**

#### **REVENUE AND SUPPORT**

\$5,948,002 **Grants and Contributions** Contract Income \$28,322 Interest Income \$255 \$2,000 Awards & Honorariums **Total Revenues and Support** \$5,978,579

#### **EXPENSES PROGRAM SERVICES:**

Indonesia \$221,003 \$125,365 **Innovations** Latin America \$293,755 \$268,463 Philippines \$1,136,242 \$2,329,270 **Total Program Services** \$4,374,098

#### **MANAGEMENT & GENERAL SERVICES:**

Fundraising \$659,870 General and Administrative \$476,387 **Total Management & General** \$1,136,257

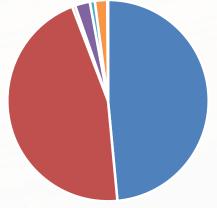
**Total Expenses** \$5,510,355

Increase in Net Assets \$468,224

Net Assets - Beginning of Year \$1,346,658

**Net Assets - End of Year** \$1,814,882

#### **REVENUE AND SUPPORT**



NGO Grants	48.5%
Foundation Grants	45.7%
Corporations	2.4%
Individuals	2.0%
Gifts In Kind	0.8%
Contracts	0.5%
Honorariums	0.1%
Interest	0.0%



Haiti	42.3%		
Nepal	20.6%		
Fundraising	12.0%		
General & Admin	8.6%		
Latin America	5.3%		
Philippines	4.9%		
Indonesia	4.0%		
Technical Consulting	2.3%		



# Board of Directors



**Sig** Anderson



**Martin** Fisher



**David** Friedman



**Grace** Hanson



**Elizabeth** Hausler



**Paul** VanderMarck



Mary Lou Zoback

# Memoriam

Two members of the Build Change family passed away in 2016. Their contributions to communities around the world will never be forgotten.



### Ricot E. Dutreuil 1982 - 2016

Ricot started with Build Change in Haiti as a groundskeeper in 2011, and climbed through the ranks quickly, to the position of Logistics Assistant. His kindness, intelligence, and personality made him a huge part of our team. He will be missed.



## Gordon Goodell 1967 - 2016

Gordon was hired as the
Structural Engineering Team
Leader in Haiti in 2011, working
his way to Chief Operations
Officer by 2014. His dedication
spurred growth in Build Change
and those around him. He will be
remembered fondly.

# People everywhere

rely on their homes and schools to protect them from the elements. When buildings succumb to earthquakes and windstorms, the damage is not just physical and economic - we lose our sense of security as well.

You can reduce the impact disasters have on people around the world, so that families can sleep at night knowing they are safe in their homes.



Become a partner today.

**Donate** 





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