



2014 Annual Report

Build Change: 2004 – 2014

Saving lives in earthquakes and windstorms by empowering people in emerging nations to build homes and schools that will protect their families and children.

10 countries

23,600 people trained in the basics of safe construction



people living 236,000 and learning in safer homes

11,100 jobs created

hundreds of thousands of posters & flyers about safe construction distributed in **8** languages



2004 - 2014

and schools internationally-used guides to safer construction

hundreds of thousands of hours of instruction delivered

92 NGO partners

~~~~~~~~~~ ...........

Build Change marriages & babies

millions and

millions

326

staff from

13 countries

25

using homeowner-driven model

**Build Change** 

278

individual donors

## ....

17

government

partners

bricks and blocks laid by Build Change trained masons

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|     |      |      |   | <br> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |  |  |  |  |     | 32 | 2 |
|     |      |      |   |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |  |  |  |  |     | 34 | 4 |

### Happy 10<sup>th</sup> Anniversary Build Change!



YEAR ANNIVERSARY 2004 - 2014



In 2014, Build Change announced its ambitious 10 in 10 initiative to empower 10 million people in emerging nations to live and learn in safer homes and schools in the next 10 years.

Dear Friends and Colleagues,

Build Change is proud to celebrate 10 years of saving lives in earthquakes and typhoons.

Over 236,000 people are living and learning in safer buildings because of your support. We've trained nearly 24,000 people in seven countries in the basics of safe construction. We have created over 11,000 jobs.

In China, we successfully partnered with the government to implement homeowner-driven reconstruction after the Wenchuan earthquake.

In Haiti, we were the first organization to retrofit houses, and we supported the Haiti government to write a national guideline on retrofitting. We partnered with the Indonesia technical high school system to teach students earthquakeresistant construction.

In Colombia and Guatemala, we are working with urban city governments, the private sector and homeowners to retrofit homes and schools before the next earthquake strikes.

In the Philippines, following typhoon Yolanda, we opened a new program supporting the government and NGOs to build back better.

10 years ago, we were about earthquake-resistant houses. We have expanded our mission beyond earthquakes, to include windstorms and other natural disasters.

Now, we are about disaster-resistant houses (including multi-unit dwellings) and schools. It is about time we started working on protecting children from their schools collapsing.

There is still so much to do.

Please join me as we launch our 10 in 10 initiative. Working together, we will empower 10 million people in emerging nations to live and learn in safe buildings and schools in the next 10 years.

Thank you,

Elizabett H Strand

Dr. Elizabeth Hausler Strand Founder & CEO

### New Logo for Build Change

The new Build Change logo is designed to communicate the features and direction of Build Change.

# **BUILD CHANGE**

#### **Global Impact**

Circle and horizon arc represent Build Change's global impact.

Home Home is in the center, the focus of Build Change's work.

#### **Progress**

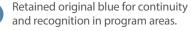
Central shape is also an upward arrow, for continual improvement.



#### **Sustainability**

Name and logo separated, because Build Change does not build homes itself, it empowers communities to build safely for themselves.

#### Palette



Vibrant green for commitment to sustainable, eco-friendly approach.





You can't teach a mason how to lay bricks by just showing him or her. On-the-job, apprenticeship-type training is the best way to build skills permanently.

Homeowner-driven (cash plus technical assistance) A approach to housing reconstruction has many advantages over donor/contractor-driven (giveaway) approaches. We knew this 10 years ago. Now it is mainstream.

Poverty is a root cause of poor quality housing. С J We will continue to promote job creation and economic development in the places we work.

There is no substitute for local knowledge. Let us never forget the "Learn First" part of our model.

Keeping it simple is not so simple. Though we have simplified disaster-resistant construction and made it accessible to everyone, we're still working on simplifying how we communicate what we do.

Build Change

construction trainers in

Haiti wearing apparel featuring the new logo.

Preventing a disaster is a lot less expensive than cleaning up after one. And it avoids the indescribable human heartbreak of losing a loved one in a completely preventable building collapse.

Leadership takes courage. Courage to make Ο Ŏ long-term decisions instead of short-term fixes. Courage to stand up to corruption. Courage to admit something doesn't work and try a new approach. And leadership is needed at all levels, from heads of state to construction foremen.

Women can thrive in the construction sector. 9 As engineers, as builders, and building materials producers, as decision-makers, as leaders. Let's continue to create opportunities for more women in this field.

Can one person change the world? No, it takes a IV team to do that. I am so grateful for the incredible team that has gotten us this far. Please help us grow and expand that team.

#### Impact in 2014 People trained in the basics of safer construction People living and learning in safer homes and schools Safer houses and schools 202 7,900 1,364 1,312 2014 2004-2014 236,825 47,064 23,629 33 Jan Global Headquarters Denver, CO Nepal Iran Current Operations Haiti 3 Past Operations India Guatemala Colombia Indonesia Peru Total Staff: 85 Senior Management Staff: 7 Haiti 63% Indonesia 14% Philippines 12% Headquarters 5% Colombia & Guatemala 4% Men Women 57% 55% Men 45% Women 60% Technical Staff Non-Technical Staff 40%



Build Change saves lives in earthquakes and windstorms by empowering people in emerging nations to build homes and schools that will protect their families and children.



### Safe, Resilient Communities Worldwide

Since 2004, Build Change has empowered 23,600 peop in China, Colombia, Guatemala, Haiti, Indonesia, and the Philippines to build 47,000 homes and schools that will protect their families and children from natural disaster

Worldwide, over 236,000 people are living and learning in safer homes and schools.

### Promoting Retrofitting Before Disasters

Build Change developed a straightforward retrofit evaluation and implementation procedure for Colombia.

Build Change has begun working in Guatemala to promote retrofitting schools that are not designed for earthquakes and to develop retrofit guidelines for homes.

### Protecting Students

In Haiti, Build Change performed seismic evaluations of 12 schools in the Marchand-Dessalines region.

Build Change began working in Guatemala to protect children from collapsing school buildings in future earthquakes.

In 2015, Build Change will increase involvement in scho evaluation, design, and retrofitting in Haiti and Guatema

### Network of Certified Construction Professionals

Build Change launched REZO, an affiliation of private sector businesses and construction professionals dedicated to the promotion of products and services meeting the requirements of the National Construction Code of Haiti.

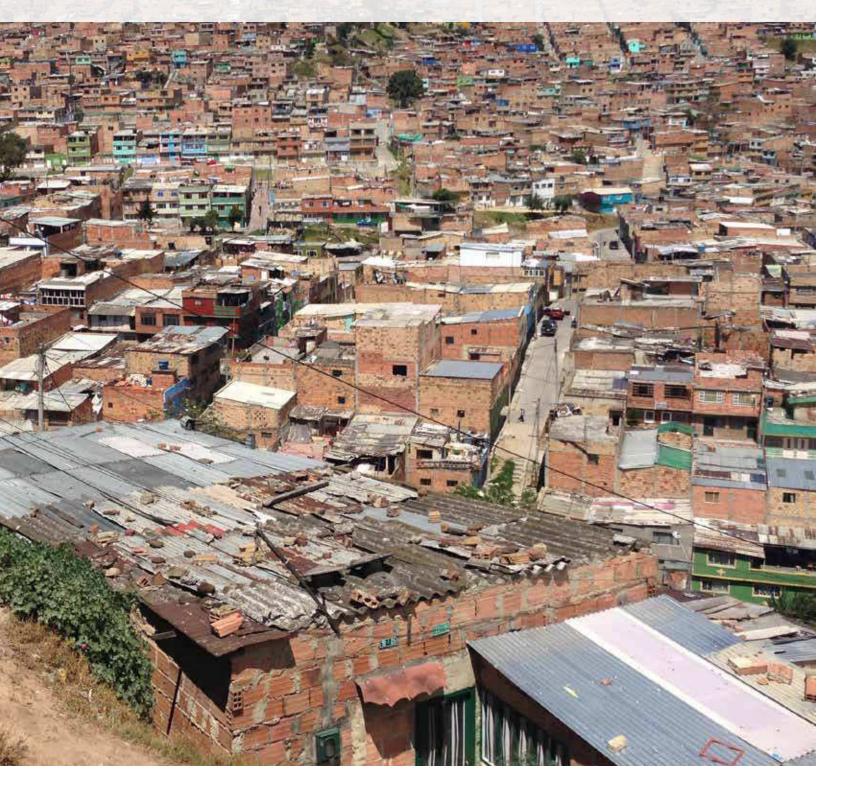
### Fee-Based Training Centers

Build Change will open two hands-on training centers to train fee-based clients in 2015, reaching 280 builders.

| ole            | Better Building Materials                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |  |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| ne<br> <br>rs. | In 2014, Build Change trained 123 women brickmakers in<br>Indonesia to make stronger bricks and apply new business<br>skills to lower production costs and increase profits. These<br>businesses have produced over 100,000 better bricks.                          |  |  |  |  |  |  |  |  |
|                | Build Change trained 521 employees at 58 local small-<br>and medium-sized blockmaking businesses in Haiti<br>to improve the quality of their concrete blocks and<br>to create demand in the local market.                                                           |  |  |  |  |  |  |  |  |
|                | Post-Disaster Reconstruction                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |
|                | In Haiti, Indonesia, and the Philippines, Build Change<br>provided technical assistance to 1,316 homeowners<br>during the reconstruction or retrofitting of their homes.                                                                                            |  |  |  |  |  |  |  |  |
|                | Reaching Scale with Guidelines                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |  |
|                | Build Change developed Design and Construction<br>Guidelines for Residential Houses in the Philippines.<br>The Guidelines are being used by government partners<br>and other organizations implementing housing<br>construction programs.                           |  |  |  |  |  |  |  |  |
| ool            | New Partnerships                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |  |
| nala.          | Build Change signed Memorandums of Agreement with<br>the Social Housing Finance Corporation (SHFC) and<br>Technical Education and Skills Development Authority<br>(TESDA) to jointly advance disaster response and safe<br>construction efforts in the Philippines. |  |  |  |  |  |  |  |  |
| ו              | Build Change also partnered with the World Bank, acting<br>through the Global Facility for Disaster Reduction and<br>Recovery, to advance the global agenda on safer schools,<br>with regards to safer school facilities.                                           |  |  |  |  |  |  |  |  |
|                |                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |



Build Change's mission is to greatly reduce deaths, injuries, and economic losses caused by housing and school collapses due to earthquakes and typhoons in emerging nations.



### Colombia: Preventing a Disaster

People living and learning Safer in safer homes and schools buildings 5 1

### Unsafe Buildings

Over 10 million Colombians live in houses that are weak and likely to collapse in earthquakes or major storms. These homes are built by low-income families in tightlypacked urban neighborhoods, without engineering design or construction supervision by municipal authorities.

When a moderate earthquake struck Haiti in 2010, tens of thousands of unsafe houses in similar informal urban neighborhoods collapsed, killing 230,000 people.

### Reducing Risk Saves Lives

To prevent such a catastrophic loss of life from a natural disaster in Colombia, Build Change is partnering with local and national government to protect families by providing training in designing and implementing retrofits of unsafe houses.

### Public-Private Partnership

A public-private partnership is essential for retrofitting to occur on a large scale. The Bogotá city government has subsidies available to low-income homeowners for structural retrofits. These subsidies can be accessed by families to cover the costs of materials and labor for retrofitting.

Subsidies can be used to provide an incentive for families to follow safe building standards. The private sector must provide the engineering and construction skills necessary

### What is Retrofitting?

Retrofitting is the process of repairing and strengthening an existing building to withstand future earthquakes.

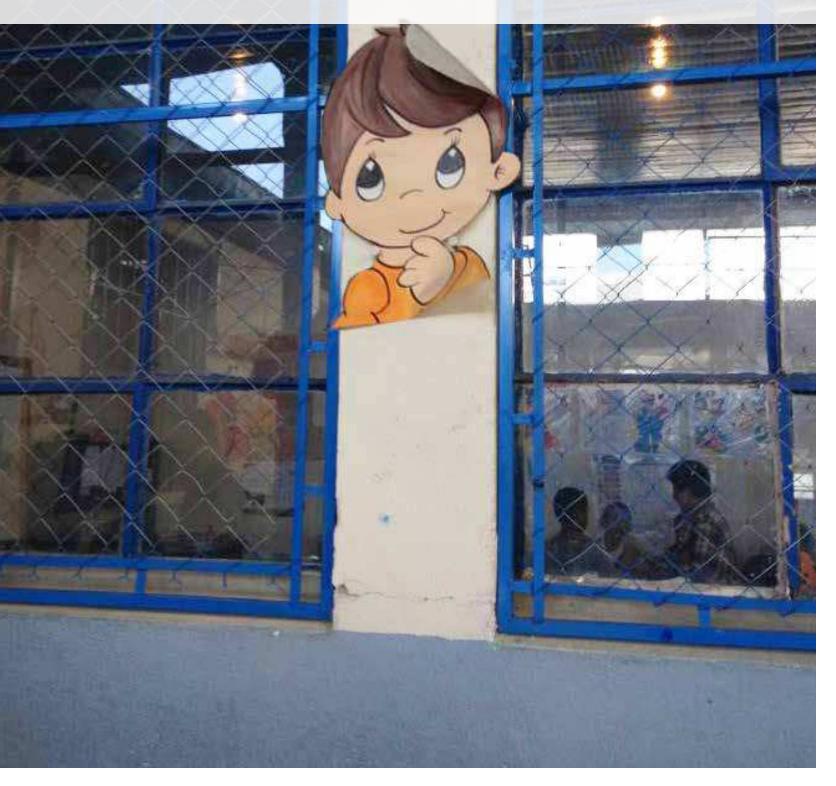
By retrofitting unsafe or damaged buildings before the next natural disaster, Build Change saves lives.

Repairing and strengthening an existing house or school is usually less expensive than tearing it down to build a new one.

|                 | People trained in the basics<br>of safer construction                                                                                                                                                                                | Local jobs<br>created                             |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
|                 | 42                                                                                                                                                                                                                                   | 18                                                |
| ¢               | to implement the programs. Build Cha<br>the training and technical assistance r<br>the capacity of all parties and encoura<br>with building standards.                                                                               | needed to build                                   |
| -               | Retrofitting Procedure                                                                                                                                                                                                               |                                                   |
| I               | In 2014, Build Change developed a str<br>retrofit evaluation and implementatio<br>partnership with Servicio Nacional de<br>Swisscontact, and the seismic enginee<br>in Bogotá.                                                       | n procedure in<br>Aprendizaje (SENA),             |
|                 | Build Change developed training curr<br>and engineers, covering how to evalu-<br>story masonry houses and how to des<br>a retrofit when necessary.                                                                                   | ate one- to three-                                |
|                 | Build Change trained 8 SENA instructor<br>Caja de Vivienda Popular, and other bu<br>engineers using these resources. One<br>was retrofitted through the training pu<br>of concept, making it earthquake-resis<br>subsidy of \$5,000. | uilders and<br>house in Bogotá<br>rogram as proof |
|                 | Looking Forward                                                                                                                                                                                                                      |                                                   |
| es<br>st<br>ary | In 2015, Build Change will work with le<br>and homeowners to retrofit 50 houses<br>the government subsidy program, as a<br>working with thousands of families to                                                                     | s in Bogotá through<br>a next step toward         |



Build Change is a leader in the field of designing, constructing, and retrofitting resilient buildings in developing areas vulnerable to natural disasters.



### Guatemala: Preventing a Disaster

| People living and learning in safer homes and schools | Safer<br>buildings |
|-------------------------------------------------------|--------------------|
| 15                                                    | 3                  |

### Reducing Risk Saves Lives

Build Change began working in Guatemala in 2014, with In 2014, Build Change partnered with PCI's Barrio Mío the goal of saving lives by making buildings safe before Guatemala, a neighborhood improvement program to a natural disaster strikes. reduce the vulnerability of Mixco to landslides, erosion, flooding, earthquakes, and hurricanes.

### Unsafe School Buildings

Millions of Guatemalan children go to class in school buildings that are likely to collapse in earthquakes or major storms. When a school does collapse, local education is thrown into chaos. Sometimes classes are held in ad-hoc community centers, tents, or even in damaged and unsafe buildings. Students often lack access to consistent education until the building is rebuilt.

By ensuring that school buildings withstand natural disasters, children will survive and their education will remain uninterrupted.

### **Protecting Students**

More than 200 schools were damaged in the earthquake that struck Guatemala in 2012 and need to be retrofitted to make them safe to use.

Hundreds of other schools throughout the country are weak and may collapse in future earthquakes. These schools also need to be retrofit to protect students.

The Guatemalan Government is aware of the need to retrofit schools. Build Change will launch a school retrofitting partnership in Guatemala in 2015.



### People trained in the basics of safer construction

### 16



16

### Promoting Retrofitting

Build Change implemented a subsidy-based housing retrofitting program to retrofit 3 homes in Mixco as a demonstration of the process and a local training opportunity.

### Looking Forward

In 2015, Build Change will develop a general retrofitting procedure for low-rise masonry houses with the Guatemalan engineering community and begin training local builders and engineers.

### Five Years After the Earthquake in Haiti...

The start of 2015 will mark the five year anniversary of the January 12, 2010 earthquake that struck Haiti. Build Change is fundamentally changing the way homes are built, through local training, public education, and collaboration with the government to implement nationwide training in disaster-resistant housing design and construction. In Haiti, Build Change is synonymous with retrofitting.

Since 2010:

- Build Change's team has trained 8,075 local people, who have made 27,415 buildings safer, protecting . 138,580 people in Haiti.
- 6,150 jobs created.
- Eighty-three small businesses trained to make concrete blocks stronger and safer for use in construction. . These businesses produce hundreds of thousands of safer concrete blocks each month, increasing the safety of thousands of homes.

### ... We've made 137,000 people safer.

- Tens of thousands of posters and booklets distributed, and hundreds of community presentations informing the public about the risk of future earthquakes and how to build safe houses.
- Haiti's government now requires that NGOs collaborate with homeowners for reconstruction, rather than building large blocks of identical housing without community input.
- Haiti's Ministry of Public Works requested a guide for making damaged houses safe and strong enough to withstand a future earthquake. Build Change helped produce a guide and it is in use nationwide.

In 2015, Build Change plans to get thousands more people into safer houses and hundreds of children into safe schools.



- Build Change will continue to empower Haitians to make their communities safe from future natural disasters.



Build Change designs disaster-resistant houses and schools in emerging nations and trains builders, homeowners, engineers, and government officials to build them.



### Haiti: Rebuilding and Creating Jobs

| People living and learning in safer homes and schools | Safer<br>buildings |
|-------------------------------------------------------|--------------------|
| 6,770                                                 | 1,138              |

### Reconstruction and Retrofitting

Build Change is proud to partner with Global Communities on the American Red Cross LAMIKA project in Campeche, Port-au-Prince. Build Change trained 504 builders and engineers in disaster-resistant construction and retrofitting. Thirteen homeowners received technical assistance during the retrofitting of their homes. Many of these houses include rental units; in total, 24 families are living in these safer buildings. In addition, 11 families in 7 houses are benefitting from new retaining walls built in this hillside community. This project will make a total of 500 families safer by the end of 2015.

In partnership with Entrepreneurs du Monde and the French Red Cross, Build Change trained 59 builders and provided technical assistance to 13 homeowners in Christ-Roi and Delmas 9. In 2015, Build Change will provide technical assistance to an additional 45 families in Christ-Roi.

### Better Blocks = Safer Houses

Strong concrete blocks help ensure that buildings will withstand the next natural disaster.

In partnership with HILTI Foundation, Build Change trained 521 employees at 58 local small- and mediumsized blockmaking businesses to improve the quality of their concrete blocks and to create demand in the local market. Eighteen of these businesses' blocks now meet or exceed the strength needed for safe construction. These businesses saw an increase in demand and income due to the increased quality.

#### Network of Certified Construction Professionals

In 2013 and 2014, Build Change piloted a product that In 2014, Build Change launched REZO, an affiliation of combined housing finance and technical assistance private sector businesses and construction professionals with Sogesol, the microfinance subsidiary of Sogebank. dedicated to the promotion of products and services Through the Sogesol Kredi Bel Kay program, 55 meeting the requirements of the National Construction homeowners accessed \$35,286 in capital for building, Code of Haiti. REZO partners with experts in training, expanding, or retrofitting their homes, with Build Change marketing, and product development to support the engineers providing technical assistance. business needs of its affiliates through job placement, marketing services, financial products, and technical assistance. Through these incentives, REZO affiliates commit to maintaining high trade standards.

REZO has partnered with 6 institutions, providing special

### People trained in the basics Local jobs of safer construction created 1.130

products and services to 28 affiliates, blockmaking enterprises, and builders. REZO plans to reach more than 100 affiliates in 2015.

535

#### Safer Schools

Build Change performed structural evaluations of 12 schools in the Marchand-Dessalines region for Save the Children International. Build Change provided a report summarizing the findings from the evaluations and analyses, as well as strengthening recommendations for 9 of the 12 schools, impacting the safety of over 1,000 students. New construction concepts for the other three will be prepared in 2015. Build Change will increase involvement in school evaluation, design, and retrofitting in Haiti.

### Training Centers

Build Change opened one hands-on training center for fee-based clients, and two subsidized for specific projects.

Build Change will open two hands-on training centers to train fee-based clients in 2015, reaching 280 builders.

### Vocational Training

At the request of Centre d'Étude et Coopération Internationale (CECI), Build Change provided 20 vocational students with training in disaster-resistant construction practices, providing them with the technical skills needed to enter the workforce and improve their livelihoods. Build Change will train 55 more students in 2015.

### Access to Financing

### Ten Years After the Tsunami...

Ten years have passed since the December 26, 2004 Indian Ocean tsunami devastated coastal areas throughout the region. Build Change began operations in Indonesia a few months later.

Since 2004, Build Change has supported safe housing reconstruction, vocational training, and better building materials in four provinces after the tsunami and three subsequent earthquakes, training 14,000 people who have made 89,000 people safe.

In the last 10 years, Build Change has:

· Worked in Aceh, West Java, Bengkulu, and West Sumatra provinces, responding to communities rebuilding after multiple earthquakes.

### ....89,000 safer people and millions of better bricks

- Trained 14,360 people in safe construction, who have gone on to build 17,800 safer houses that protect over 89,000 people.
- Created 3,500 jobs.
- all aimed at education about safer construction.
- Trained more than 240 small businesses that make bricks to produce safer, stronger bricks in Aceh, and Padang. Build Change focuses on empowering women-owned businesses.

Most recently, Build Change has partnered with USAID to help improve the safety of over 3,000 homes rebuilt after the 2013 earthquake, and to reach over 29,000 people in Aceh about safer construction.



• Written and distributed tens of thousands of copies of simple construction booklets, posters and pamphlets,

# KILANG BATU BATA BERKUALITAS SEWUKUTO -Bpk. Suroto & Ibu Juwairiah 0853 5861 0530, Lr. MEKAR JAYA, GENTING GERBANG - ACEH TENGAH

Build Change leaves in place permanent change in construction practice by building local skills and stimulating local demand for safer houses and schools.



### Indonesia: 10 Years Since the Tsunami

| People living and learning in safer homes and schools | Safer<br>buildings |
|-------------------------------------------------------|--------------------|
| 1,100                                                 | 220                |

### Earthquake in Aceh

In July 2013, a 6.1-magnitude earthquake struck Aceh, damaging 16,000 houses and displacing over 22,000 people.

Build Change opened an office to provide local technical assistance in September 2013 and will work in the region until 2015.

### A More Resilient Building System

Build Change, with support of the USAID Office of Foreign Disaster Assistance, is providing technical assistance to 3,000 families rebuilding their homes in Aceh, in a program ending in 2015.

Through local education and outreach, Build Change has motivated many homeowners to build houses comprised of a masonry skirt (which protects the bottom third of the wall from mold, mildew, rainwater, and so on) with a timber frame.

This house design is common in Indonesia. It is also more affordable and typically more earthquake-resistant than a full masonry house in this region.

Build Change reached over 29,000 people in Aceh with education about rebuilding with timber and following basic rules for safe construction, through posters, community events, radio interviews and advertisements, and text messages.

### From Paper Records to Tablets

Build Change adopted a tablet-based electronic data gathering and management system to support its technical assistance program for housing reconstruction in Aceh in partnership with the Grameen Foundation.

Rather than collecting data about the reconstruction of 3,000 houses on paper, Build Change staff now conduct surveys, collect data on rebuilding progress, take pictures, and upload that information for easy access using inexpensive, portable tablet computers.

| People trained in the basics of safer construction                                                                                                                                                                             | Local jobs<br>created       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 84                                                                                                                                                                                                                             | 914                         |
| This approach is more efficient and has incr<br>productivity and data quality, as well as ma<br>amount of time staff are in the field providi<br>assistance to families.                                                       | ximizing the                |
| Data for over 3,000 homes in Aceh is easily<br>through Salesforce and TaroWorks, expandi<br>opportunities to share data with partners a<br>analyze data to continue to improve.                                                | ing                         |
| Given the success of this pilot program, Bui<br>implementing tablet-based data gathering<br>its programs.                                                                                                                      |                             |
| Better Bricks = Safer Homes                                                                                                                                                                                                    |                             |
| In 2014, with support from Sampoerna, Bui<br>trained 123 women brickmakers to make st<br>and apply new business skills to lower their<br>costs and increase their profits. These busin<br>produced over 100,000 better bricks. | ronger bricks<br>production |
| Build Change is working in partnership with<br>small businesses to experiment with alterna<br>sources to increase heat of firing, reduce the<br>timber, and reduce harmful emissions.                                          | ative fuel                  |
| Build Change focuses on brickmaking busir<br>by women to increase their economic oppo                                                                                                                                          |                             |
| Looking Forward                                                                                                                                                                                                                |                             |
| In 2015, Build Change will expand its brickr                                                                                                                                                                                   | naker training              |

program to another area of Aceh and to Padang.

Build Change believes that all people have the right to homes and schools that will protect them from natural disasters.



### Philippines: Building Partnerships with the Government

People living and learning Safer in safer homes and schools buildings 10 2

#### Building Partnerships with the Philippines Government

2014 was dedicated to building relationships in the Philippines, with the dual objective of supporting the response to the 2013 Typhoon Haiyan and the Bohol Earthquake, and supporting the Philippine government private sector, and civil society organizations to strength the country's resilience to natural disasters.

In anticipation of scaling impacts in 2015 and beyond, Build Change developed and tested locally appropriate technical resources for rebuilding and retrofitting safe houses.

### Reconstruction after Typhoon Haiyan

Build Change first piloted its technical resources in Sulangan, Eastern Samar with partner Cordaid. Build Change tested out three masonry housing types – confined masonry, reinforced shear wall and moment frame – training homeowners and builders to manage the construction themselves.

By the end of the year, more than 20 people were trained two of the three pilot houses were completed.

Build Change also piloted a timber retrofit program, training nine carpenters as retrofit technicians and testing the retrofit techniques on four houses.

Better building materials are an essential element of safe houses. Ten people at three local-area block manufactur were trained to produce stronger concrete blocks.

Build Change agreed to scale the project with Cordaid, so more permanent houses will be built in 2015.

## People trained in the basics of safer construction

### 40

Local jobs created 30

### Spreading Knowledge

| t,<br>hen   | In early 2014, the Bohol Shelter Cluster distributed<br>over 6,000 posters explaining basic principles of safe<br>construction to people whose houses were affected by<br>the 2013 earthquake. In addition, at the request of the<br>Department of Social Welfare and Development,                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | Build Change built upon these posters, the findings from<br>its "learning first" activities, as well as the standards set<br>out in the National Structural Code of the Philippines, and<br>developed a 75-page set of comprehensive, illustrated<br>Design and Construction Guidelines for Residential<br>Houses. |
|             | The Guidelines are being used by government partners<br>and other organizations implementing housing<br>construction programs.                                                                                                                                                                                     |
|             | Partnering with the Government                                                                                                                                                                                                                                                                                     |
| ed,         | The Philippines sees four to six typhoons make landfall<br>every year and experiences strong earthquakes regularly.<br>As such, Build Change is partnering with several<br>government agencies to assist their disaster response<br>activities and strengthen their disaster risk reduction<br>efforts.            |
| fer<br>rers | Build Change signed Memorandums of Agreement with<br>the Social Housing Finance Corporation (SHFC) and<br>Technical Education and Skills Development Authority<br>(TESDA) to jointly advance disaster response and safe<br>construction efforts.                                                                   |
|             | Build Change has also provided support to the<br>Department of Social Welfare and Development,<br>Department of Education, Office of the Presidential<br>Assistance for Rehabilitation and Recovery, and Housing<br>and Urban Development Coordinating Council, and will<br>continue to do so in the coming year.  |
|             |                                                                                                                                                                                                                                                                                                                    |



### Helpless to Homeless to Heroes, Philippines



The Raloso Family

Helen, Eusi, and Arian Raloso's home in the small community of Sulangan in the Philippines was destroyed by Typhoon Haiyan in November of 2013.

Build Change partner Cordaid offered a grant to homeowners to rebuild their houses on the condition that they work with Build Change to ensure the house is disaster-resistant.

Eusi, a builder by trade, was part of Build Change's first training class in safer construction. He learned to build a house that can survive typhoons. "The techniques I learned from Build Change are better than the ones I was using", says Eusi.

Build Change hired him to train other local builders.

Eusi completed their home in October. Two months later, on December 8, 2014, Typhoon Hagupit struck.

They turned their new home into an informal evacuation center, welcoming the families of 17 of their neighbors into the safety of their house.

There were no casualties in Sulangan from Typhoon Hagupit, thanks partially to the Raloso family.

### The First of Many Retrofits, Colombia



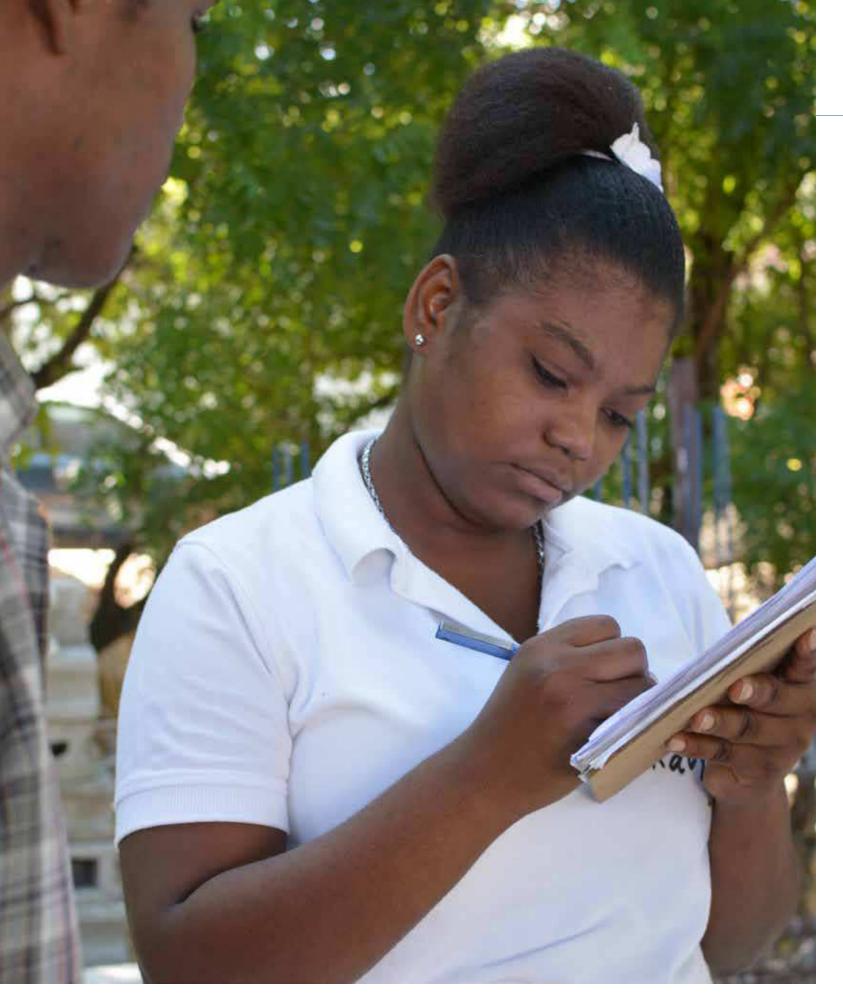
#### Jorge Prada

Jorge Prada lives in a small house in Bogotá with his wife and son. Jorge has worked as a mason for 20 years. He participated with SENA and Swisscontact in trainings to improve his skills. As part of this training he received Build Change's introduction to earthquakeresistant construction techniques.

Jorge's home was a simple concrete block masonry building without sufficient wall density and confinement to withstand an earthquake. In other words, there were too few walls and they weren't tied together.

Build Change recommended additional walls and a reinforced concrete ring beam on top of the walls. He learned about the importance of properly filling vertical joints in blocks, about better ways of connecting structural elements, and also insuring good connections between walls and the roof.

The intervention improved the structural safety of his home and Jorge will be able to improve other houses in his community so that they will protect his neighbors.



### Trainee, Trainer, Engineering Student, Haiti



Widleine George

Widleine George comes from Carrefour-Feuilles, one of the areas severely damaged by the earthquake in 2010. She started her masonry career as an apprentice, in an intensive six week training program run by Build Change in partnership with Centre d'Etude et de Coopération Internationale (CECI).

She then enrolled in Build Change's builder training program to become certified in safer building techniques.

After training, Widleine quickly became the manager of her own team of construction workers. Build Change hired her to lead the training program in which she had once been a student.

"I receive a lot of respect because of my position, because it's not typically a woman's job," she says.

"I want to advise other young women like me to not choose only nursing, accounting, or secretarial work. Dare yourself to learn other trades."

"I'm very happy, and I feel good working in such a supportive environment," says Widleine. "I'm looking ahead, beyond masonry. I'm going to school on weekends to learn civil engineering."

### Rebuilding for the Final Time, Indonesia





#### Ibu Rabaini

Ibu Rabaini lives in the small village of Cekal in Aceh Tengah, Indonesia, where she cares for her four grandchildren. The region was struck by an earthquake in 2013 and their home was among many that collapsed.

Build Change held classes about the basics of safer construction, to empower homeowners like Rabaini to ensure that all guidelines are followed by the builders working on their homes. Build Change also trained local workers to provide technical assistance during construction.

#### Rabaini watched every part of her home being built and knows it will keep her and her grandchildren safe during future earthquakes.

The local workers trained will continue to provide construction guidance, visiting houses in progress to ensure that the new structures are built properly.

Today, thanks to donor support and Build Change's partnership with The USAID Office of U.S. Foreign Disaster Assistance, there are 3,000 families in Rabaini's community who know that when the next earthquake strikes, their home and children are safe.

### Partners

#### The extraordinary generosity and support of Build Change partners and donors makes it possible to empower communities to make their houses and schools safer, protecting families and saving countless lives.

### **Global Platform Partner**

## CATERPILLAR



Since 1952, The Caterpillar Foundation has been dedicated to transforming lives in the communities where we live and work around the world.

With its activities, the Hilti Foundation strives to promote sustainability and strengthen the fundamental qualities of a modern society.

#### RMS is the world's largest catastrophe modeling company, and the only of its kind to deliver its global suite of catastrophe models within a rich ecosystem incorporating all sources of risk.

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### Partners

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| und<br>e               | Howard Ecker + Company<br>The Harvey L. Miller Family<br>Foundation<br>The Robert Jordan Family<br>Charitable Fund<br>Microsourcing                                                                                                                                                                                                                                                                                                                                                                          | Thornton Tomasetti<br>Foundation<br>Trocaire<br>UNOPS Haiti Operation<br>Centre                                                                                                                                                                                                                                                                                                                                                                          |
|                        | Memento Press<br>PCI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Puyat Jacinto & Santos<br>Themeco                                                                                                                                                                                                                                                                                                                                                                                                                        |

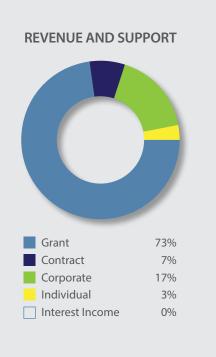
Bruce Kutter

Kristy & Zack Rogers

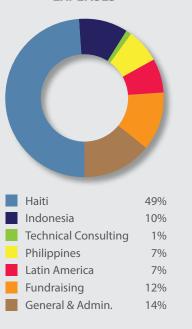
### Financials

#### STATEMENT OF ACTIVITY

|                                          |    | Unrestricted | Temporarily<br>Restricted | Total           |
|------------------------------------------|----|--------------|---------------------------|-----------------|
| <b>REVENUE AND SUPPORT</b>               |    |              |                           |                 |
| Grants and Contributions                 | \$ | 1,827,394    | \$<br>1,735,082           | \$<br>3,562,476 |
| Contract Income                          |    | 718,744      | -                         | 718,744         |
| Foreign Exchange Loss                    |    | (9,569)      | -                         | (9,569)         |
| Interest Income                          |    | 1,003        | -                         | 1,003           |
| Net Assets Released from<br>Restrictions |    | 769,892      | (769,892)                 | -               |
| Total Revenues and Support               | \$ | 3,307,464    | \$<br>965,190             | \$<br>4,272,654 |
| EXPENSES                                 |    |              |                           |                 |
| Program services:                        |    |              |                           |                 |
| Indonesia                                | \$ | 374,789      | \$<br>-                   | \$<br>374,789   |
| Technical Consulting                     |    | 57,105       | -                         | 57,105          |
| Latin America                            |    | 253,064      | -                         | 253,064         |
| Philippines                              |    | 252,190      | -                         | 252,190         |
| Haiti                                    |    | 1,840,633    | -                         | 1,840,633       |
| Total Program Services                   | \$ | 2,777,781    | \$<br>-                   | \$<br>2,777,781 |
| Management & General Services            | 5: |              |                           |                 |
| Fundraising                              | \$ | 470,416      | \$<br>-                   | \$<br>470,416   |
| General and Administrative               |    | 515,099      | <br>-                     | <br>515,099     |
| Total Management & General               |    | 985,515      | -                         | 985,515         |
| Total Expenses                           | \$ | 3,763,296    | \$<br>                    | \$<br>3,763,296 |
| Decrease in Net Assets                   | \$ | (455,832)    | \$<br>965,190             | \$<br>509,358   |
| Net Assets – Beginning of Year           | \$ | 543,695      | \$<br>1,220,743           | \$<br>1,764,438 |
| Net Assets – End of Year                 | \$ | 87,863       | \$<br>2,185,933           | \$<br>2,273,796 |



**EXPENSES** 



#### 2014 **CURRENT ASSETS** Cash \$ 1,103,457 Accounts Receivable 138,490 Contributions & Grants Receivable -Short term 690,075 Prepaid Expenses 17,762 1,949,784 **Total Current Assets** \$ PROPERTY AND EQUIPMENT \$ 399,771 Equipment and Furniture Less: Accumulated Depreciation -150,492 **Total Property and Equipment** 249,279 **OTHER LONG-TERM ASSETS** Donations & Grants Receivable -Long-term 233,790 Ś 20,554 Deposits **Total Other Long-Term Assets** 254,344 **TOTAL ASSETS** 2,453,407

STATEMENT OF FINANCIAL POSITION

|                                   | <br>                           |
|-----------------------------------|--------------------------------|
| CURRENT LIABILITIES               |                                |
| Accounts Payable                  | \$<br>11,930                   |
| Due to Related Party              | 5,833                          |
| Credit Cards Payable              | 19,247                         |
| Accrued Liabilities               | 113,799                        |
| Deferred Revenue                  | 28,802                         |
|                                   |                                |
| <b>Total Current Liabilities</b>  | <br>179,611                    |
| Total Current Liabilities         | <br>179,611                    |
| Total Current Liabilities         | <br>179,611                    |
|                                   | \$<br><b>179,611</b><br>87,863 |
| NET ASSETS                        | \$                             |
| <b>NET ASSETS</b><br>Unrestricted | \$<br>87,863                   |

TOTAL LIABILITIES AND NET ASSETS

\$ **2,453,407** 



### Board of Directors



Paul VanderMarck **Board Chair** 



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Elizabeth Hausler Strand **Board President & CEO** 



Josh Litwin **Board Member** 



David Friedman **Board Member** 



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### Thank you to ANA for their support in 2014.

Looking forward, from July 9, 2015 – August 10, 2016, ANA is providing Build Change with a limited number of free flights, plus opportunities for individuals to get involved.

| Share | Each time you share a page to Facebook, Lir |
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### Get involved at our Changemaker page: www.ana-bluewing.com





an article from our Changemaker inkedIn, or Twitter, ANA donates.

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ileage to Build Change through age.







Build Change saves lives in earthquakes and windstorms by empowering people in emerging nations to build homes and schools that will protect their families and children.



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