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Dear Friends and Colleagues,

Change has always been part of Build Change. Change construction practice. Change the system. Change people’s lives.

At Build Change new relationships are opening unforeseen doors. We are not only protecting tens of thousands of people and homes directly, but we are also changing fundamental policy. After collaborative projects in Indonesia and Guatemala, the World Bank has now incorporated retrofitting into its housing policy. At our prevention-oriented office in Colombia, we are working with local governments. Both partnerships could safeguard millions.

Change at this scale was born from a simple idea. Build Change was first envisioned as the result of an Earthquake in an Indian village in 2001, which killed 20,000 people. After I arrived and saw the piles of rubble, I had a moment of clarity – this disaster was manmade. Growing up in a brick-laying family and having dedicated my academic life to understanding the structural integrity of buildings, I saw an immediate life-changing application of my knowledge. It wasn’t the earthquake that killed these people; it was the collapse of poorly built buildings.

During the first years after our founding, the full magnitude of our mission struck me. While we first focused on tsunami-hit Sumatra, Indonesia, we gradually broadened our awareness to other vulnerable countries. Most of the time we opened offices reactively, on the heels of a tragic event. After the earthquakes and tsunami of 2004, we rushed into Indonesia. After the 2008 Earthquake, I jumped on a plane to the stricken Sichuan province in China, and proceeded to live there. Devastating seismic catastrophes led to offices in Haiti and more recently in Nepal.

But things are changing now. We are elated and honored to receive the most prestigious award and partnership in our field: A Skoll Award for Social Entrepreneurship.

2017 will forever be the year that we forged relationships to have an impact at a new exhilarating scale. Perhaps for the first time, our once difficult-to-fathom goal, to protect 10 million children and families in safer housing within a decade, is achievable.

Thanks to friends like the Autodesk Foundation and RMS, we have unprecedented capacity to impact change. While we are jubilant in our progress, we are now more vigilant than ever. As windstorms increase in number and ferocity, we must shoulder greater responsibility. The race is on to expand access to programs that safeguard lives from that human-made danger – poorly built housing.

Dr. Elizabeth Hausler
Founder & CEO

“Change will not come if we wait for some other person, or if we wait for some other time. We are the ones we’ve been waiting for. We are the change that we seek.”

Global Impact

<table>
<thead>
<tr>
<th></th>
<th>2004-2017</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safer Buildings</td>
<td>55,925</td>
<td>4,587</td>
</tr>
<tr>
<td>Safer People</td>
<td>291,529</td>
<td>33,698</td>
</tr>
<tr>
<td>Jobs Created</td>
<td>16,695</td>
<td>4,243</td>
</tr>
<tr>
<td>People Trained</td>
<td>40,259</td>
<td>8,959</td>
</tr>
<tr>
<td>Orgs Changed</td>
<td>56</td>
<td>9</td>
</tr>
</tbody>
</table>
Since the devastating earthquake in 2010, Haiti’s Ministry of Public Works worked with Build Change to develop building guides for safer houses. Ministry enforcement will allow thousands of homeowners to be protected in the coming years. We have completed 1,500 houses using these codes and have influenced the construction of thousands more.

REZO, a network of trained construction professionals, has now garnered support from government agencies. The REZO certification process provides builders with the expertise to build safer schools and homes, while increasing their earning potential. Nearly 200 builders were trained last year. Since its inception, REZO block makers have sold 13 million high-quality blocks, contributing to an estimated 24,000 safer homes.

In partnership with the Haitian Ministry of Education, Build Change developed tools to evaluate public school buildings and improved strategic decision-making processes for school rehabilitation projects. Thirty-six engineers from the Haitian Ministry of Education were trained to perform architectural and structural evaluations, and ultimately assessed seventy-one public schools around the country.

In the wake of last year’s Hurricane Matthew, trainings in safer construction techniques have been conducted for builders in southern Haiti. By leveraging current partners and the REZO network, we can now implement these trainings more quickly than ever before. Each year, we increase Haiti’s resilience to future storms and earthquakes.
In 2017, forty students who attend school in Padang are now safer. This project successfully demonstrated that the more than 1,000 vulnerable school buildings in the area can be strengthened using simple, cost-efficient retrofitting techniques.

The Bata Jaya brickmakers cooperative has expanded its market to four districts in West Sumatra. The cooperative is now using improved marketing, billing, payment, and supply chain strategies to increase its sales capacity.

Two disaster-resistant timber-frame model houses were constructed during an awareness-raising campaign in Pidie Jaya after the December 2016 earthquake in the area. As a result, 80% more people in the area regard timber-frame housing as being safer in an earthquake.
As part of another pilot program in Bogotá, Colombia, nine families were selected to retrofit their houses. As a result, the Bogotá city housing unit seeks to expand the program to reach many more local families in the next year. By leveraging government home improvement subsidies to seismically retrofit houses, the program is now poised to scale in other Colombian cities.

Medellín, another Colombian city at risk of catastrophic loss of life in the next earthquake, is now leading a retrofit program. The city government has received its first training. Additionally, our engineers designed the first round of retrofits and submitted the first seven designs for construction permits. The city of Cali has expressed interest in becoming our next partner as we continue to scale our retrofitting program around the country.

Following the two earthquakes this past September, Build Change sent a team to Mexico to research and make recommendations on improved reconstruction.
In Nepal, the Surakshit Ghar mobile application allows thousands of rural homeowners and builders, still rebuilding after the 2015 earthquake, to access safer building designs. This game-changing technology was endorsed by the Nepal Government to support country-wide safe and efficient reconstruction. This year alone, the app has facilitated technical assistance for thousands of earthquake-affected families.

Following government approval of a retrofit type design in June, the Ministry of Urban Development requested an introductory training to all 2,000 government reconstruction inspectors. These trained inspectors can now recommend retrofitting, a cheaper option than complete reconstruction, to thousands of families like Ishwari Majhi’s.

A second school building in Sindhupalchowk is now safer for the dozens of students studying there, and 700 houses were reconstructed by the end of the year.
Ishwari Majhi, 42 years old, lives in Eklephant village of Sindhupalchowk district. She resides with her husband, two children, and father-in-law. The family’s main source of income is sand mining in the Indrawati river. The family’s income barely suffices to meet expenses, and they have no ability to save for the future.

When the disastrous earthquake struck the community in April of 2015, Ishwari’s village was devastated. Most of the houses in Eklephant were either destroyed or severely damaged. After the earthquake, Ishwari and many of her neighbors shifted to living in temporary shelters made from metal sheets. The living conditions were brutal, and families had no protection from cold weather and wild animals.

Because Ishwari’s house was damaged but still standing, Build Change recommended that she seismically retrofit her house. Ishwari gratefully accepted the plan to strengthen her existing house rather than build a new one, and agreed to work with Build Change. Engineers designed the retrofit for her house, harnessing a Build Change technique which strengthens poorly built masonry buildings. The retrofitting was not only completed quickly, but it also provided on-the-job training to nine local builders.

After the completion of the retrofit, Ishwari boasted, “I am very confident that the house is now safe to live in with my family.”

Moreover, after seeing the newly retrofitted house, many members of Ishwari’s local community elected to salvage what was left of their homes through retrofitting rather than rebuilding. In total, eighteen homeowners in Eklephant have now worked with Build Change to retrofit their houses. Each of them has expressed a new psychological well-being and sense of relief in addition to sturdier homes.

Ishwari’s Story
In Metro Manila, eight houses benefiting 14 families were retrofit in 2017 using an innovative “Pay What You Can” loan structure. At the end of 2017, loan recipients demonstrated an average repayment rate over 99%. By aligning this loan program with the local financing market, Build Change plans to offer this program to more homeowners around Metro Manila in 2018.

The Ramon Aboitiz Foundation, Inc. (RAFI) built more than 300 safer classrooms in 2017 using the safer tools and designs we provided. This partnership has been incredibly efficient, rendering students safer at a cost of just over one dollar per child. We will continue to support RAFI to build safer schools in the years to come.

The Swiss Red Cross and Philippine Red Cross used our new tools to design and build safer timber houses. More than 470 safer houses were built in 2017, which made 2,050 people safer at a cost of about $17 per person.
Spotlights
Awards, Press, Podcasts, and Speaking Highlights

Awards
2017 Skoll Award for Social Entrepreneurship - awarded to Elizabeth Hausler & Build Change
2016 Shah Family Innovation Prize - awarded to Lizzie Blaisdell Collins

Build Change Events
April 7 - Housing Reconstruction: Solutions & challenges in providing effective technical assistance to homeowners mixer Kathmandu, Nepal
June 5 - Innovative Use of Technology in Post-Disaster Reconstruction Convening, Clinton Global Initiative NYC

Press
January 31 - Departures Magazine
Going the Distance
March 9 - Philippines Daily Inquirer
Over 400 Makati homes must move away from fault line
March - City TV, Bogota
Retrofitting houses to be earthquake-resistant
March 25 - The Philippine Star
Arise pushes awareness on disaster risk reduction

March 27 - The Denver Post
Build Change receives $1.25 million grant to retrofit homes in emerging nations before disaster strikes
April 4 - Thomson Reuters Foundation
Shocked by Indian quake damage, ex-bricklayer makes disaster-proof buildings her mission
April 20 - Cadalyst Magazine
Humanitarian Outreach + Design Technology = Saved Lives
May 4 - Wall Street Journal
Saving Lives Through Safer Buildings
May 10 - The Kathmandu Post (and others)
NRA’s mobile app for better building
May 17 - Building Enclosure Online
Build Change, Simpson Strong-Tie Announce Fellowship
June 7 - The World Bank Blog
A housing policy that could almost pay for itself? Think retrofitting
June 8 - Boulder Weekly
Building change through changing buildings
June 20 - Adaptation Clearinghouse
Cities Taking Action: How the 100RC Network is Building Urban Resilience
July 25 - The World Bank Sustainable Cities Blog
To build resilient cities, we must treat substandard housing as a life-or-death emergency
July - Change Creator Magazine
Building Homes for the World
August - Challenges Magazine, Haiti
Cinq outils pour construire en toute securite
September 7 - Insider Quarterly
Built-in Resistance
October 10 - Change Creator
Why Social Enterprise Matters
October 25 - Forbes
How A Social Entrepreneur -- And Builder -- Is Creating Safe Homes, One House At A Time
December 11 - The Guardian
What would an earthquake-proof city look like?
December 18 - The Insurance Journal
The Charity Issue: Photos of Giving

Podcasts
April 6 - Social Design Insights Podcast
Build Change – A Homeowner-Driven Approach to Rebuilding After Disaster
April 28 - Humanosphere Podcast
Build Change: Pioneering engineer works with communities to protect homes from disasters
November 12 - Arch St Press Innovate Podcast
Dr. Elizabeth Hausler and Build Change: Disaster Resistant Homes & Schools
December 20 - Jeff Schlarb Podcast
Interview with Elizabeth Hausler

Speaking Engagements
January 9-13 - 16th WCEE Santiago, Chile
March 6-10 - CSR Asia Disaster Preparadness Manila, Philippines
March 28 - ANA Inspiration Conference CA, USA
July 24-27 - 100 Resilient Cities Global Summit NYC
September - Colombian Society of Engineers Event Bogota, Colombia
September 18 - World Economic Forum Sustainable Development Impact Summit NYC
“Fault lines lie beneath every continent on earth and fault lines fracture human society.”

- Sally Osberg, President & CEO of The Skoll Foundation

Build Change was awarded the 2017 Skoll Award for Social Entrepreneurship, the most prestigious award of this type in the world. The Skoll Foundation presents this award to an extremely select group of social entrepreneurs who have already made a significant and proven impact on the world’s most pressing problems. Build Change was evaluated against rigorous criteria including impact potential, innovation, and collaboration focused on optimizing and scaling our model.

It is an honor to have been selected as a Skoll Award recipient in 2017, and we shoulder our responsibility as a member of the Skoll community with pride.
Partners

Additional Partners
AmazonSmile Foundation • Bonaparte Charitable Fund • Bryan Cave Leighton Paisner LLP • Carrington Risk Consulting • Cisco • Conrad-Shah Family Fund • Friedman Cohen Fund • Geosyntec Consultants • Happy Hearts Fund • Hutton Family Foundation • Imagine Nation Books • Kiehl Friedman Fund • Microsoft • Oxfam • Pan American Development Foundation • Rato Bengala Foundation • Salesforce.com Foundation • Stone Ridge Asset Management • Team4Tech Foundation • Vizient, Inc • Zoback Family Charitable Fund

Global Platform Partners $100,000+ for 3 years
Anonymous Donor

Changemakers $100,000+

Retrofitters $50k-$99,999

Builders $25k-$49,999

Brickmakers $10k-$24,999

Faultline Foundation
Friedman Family Foundation
Grace Hanson

The Schauble Family Foundation

Elmo Foundation

Faultline $10k-$24,999

Builders $25k-$49,999

Brickmakers $10k-$24,999

Retrofitters $50k-$99,999

Changemakers $100,000+

Global Platform Partners $100,000+ for 3 years
Anonymous Donor

Partners
Thank you to our incredible donors, whose support inspires and drives us every day.
Financials

**Statement of Financial Position**

(Audit Pending)

**CURRENT ASSETS**
- Cash $861,773
- Accounts Receivable $732,047
- Contributions & Grants Receivable - Short-term $1,032,595
- Prepaid Expenses $57,157
  - Total Current Assets $2,683,572

**PROPERTY & EQUIPMENT**
- Equipment and Furniture $399,771
- Less: Accumulated Depreciation $398,626
  - Total Property and Equipment $1,145

**OTHER LONG-TERM ASSETS**
- Donations & Grants Receivable - Long-term $226,898
- Deposits $19,847
  - Total Other Long-Term Assets $246,745

**TOTAL ASSETS** $2,931,462

**CURRENT LIABILITIES**
- Accounts Payable $37,986
- Due to Related Party $-
- Credit Cards Payable $4,008
- Accrued Liabilities $254,414
- Deferred Revenue $132,044
  - Total Current Liabilities $428,452

**NET ASSETS**
- Unrestricted $174,168
- Temporarily Restricted $2,230,504
- Board-Restricted Reserve Fund $98,338
  - Total Net Assets $2,503,010

**TOTAL LIABILITIES & NET ASSETS** $2,931,462

**Statement of Activity**

(Audit Pending)

**REVENUE AND SUPPORT**
- Grants and Contributions $5,812,823
- Contract Income $987,335
- Interest Income $303
- Awards & Honorariums $3,500
  - Total Revenues and Support $6,803,961

**EXPENSES**
- Program services:
  - Indonesia $322,708
  - Innovations $242,150
  - Latin America $438,166
  - Philippines $338,800
  - Nepal $1,448,786
  - Haiti $3,324,615
  - Total Program Services $6,115,226
- Management & General Services:
  - Fundraising $598,207
  - General and Administrative $475,678
  - Total Management & General $1,073,885

**Total Expenses** $7,189,112

Increase/(Decrease) in Net Assets ($385,151)

Net Assets - Beginning of Year $2,888,162

Net Assets - End of Year $2,503,010

**Foundation Grants** 13.2%
**NGO Grants** 66.7%
**Contracts** 14.5%
**Corporations** 0.4%
**Gifts In Kind** 0.4%
**Individuals** 4.9%
**Honorariums** 0.1%
**Technical Consulting** 3.4%

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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
buildchange.org/donate

Follow @BuildChange

Sign Up
buildchange.org/sign-up
Build Change saves lives in earthquakes and windstorms by working with people in emerging nations to build homes and schools that will protect their families and children.

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