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EWB-USA builds a better world through engineering projects that empower communities to meet their basic human needs and equip leaders to solve the world’s most pressing challenges.
2014: Building Strong Foundations

In 2014, EWB-USA achieved unprecedented growth. Recognizing that our 15,900 volunteers have more to offer both in the international sphere and here at home, EWB-USA launched three exciting new programs.

1. **COMMUNITY ENGINEERING CORPS**

   Together with the American Water Works Association and the American Society of Civil Engineers, EWB-USA launched the Community Engineering Corps (CE Corps) to ensure underserved communities in the United States have the infrastructure solutions they need to thrive.

   The CE Corps had a productive first year, with 19 projects—6 located on tribal lands—engaging more than 200 volunteers’ technical expertise. The promise of this pilot program has not gone unnoticed: In June, the CE Corps was invited to make a Commitment to Action at Clinton Global Initiative America.

2. **ENGINEERING SERVICE CORPS**

   The Engineering Service Corps (ESC) also had a memorable pilot year, working with the United Nations, among other global changemakers, to design more hopeful futures in some of the world’s least hopeful places.

   In 2014, ESC utilized the expertise of 40 of our most seasoned volunteers to support 9 projects with organizations in the international development sector. The projects range from the installation of a sand filtration system in Guatemala serving more than 25,000 beneficiaries to a feasibility study on a $2.5m wastewater system for a refugee camp in the West Bank.

3. **GLOBAL LEADERSHIP PROGRAM**

   EWB-USA took education beyond borders in October 2014, hosting our first global classroom experience in Panama. More than 120 course participants explored the dimensions of sustainable engineering in a country that holds one of engineering’s greatest feats: the Panama Canal.
Built to Last

EWB-USA’s 2014 Annual Report illustrates that making projects built to last requires investment, expertise and powerful partnerships. These accomplishments, and many more, are made possible through the combined efforts of our generous donors, our passionate volunteers, and our dedicated community partners.

Ensuring the sustainability of our projects requires careful planning and follow-through at home and abroad.

Ana, Tiffany and Katie’s stories illustrate how we make it happen...
EWB-USA’s model centers on the premise that for lasting, empowering development to take place, communities must self-identify and prioritize their own infrastructure needs. Once that first step has taken place through a community’s application to EWB-USA—we received 80 from 20 countries in 2014!—we move the process forward with an assessment trip.

Empowerment of the community is integrated into every step of our partnerships, from the initial identification of needs to a joint discussion of potential solutions to a side-by-side implementation of the best solution. These ideas, conversations and plans take place over EWB-USA’s five-year commitment to each community. Local sourcing of materials, extensive educational trainings and carefully crafted operation and maintenance plans ensure communities are equipped to manage their projects long after EWB-USA’s final monitoring and evaluation trip has passed.

Meet Ana
Ana lives in the rural, mountainous community of Guachtuq, Guatemala. In 2014, rainwater harvesting systems were constructed in one-third of the homes in the community. For Ana, water security freed the 4-6 hours per day she spent gathering water and allowed her to pursue income-generating opportunities such as sorting cardamom seeds, spinning thread and making tortillas. The community’s remaining 22 homes will have systems in place by summer 2015.
EWB-USA’s 663 community development projects in 45 countries go through a process renowned for its robustness. The staff project engineers at EWB-USA headquarters oversee layer after layer of quality control for each project, from guidance on gathering baseline data to reviewing alternatives analyses (what makes that solution the best fit?) to shepherding project teams through an intensive technical approval process.

The entry point into the project process is the assessment phase, which lays the groundwork for the work ahead. While 128 projects were being assessed in 2014, 125 more had moved on to implementation, where blueprints become realities. And the work isn’t over when the well is drilled or the bridge is built. Each project continues to be evaluated after construction is complete.

Our Projects
ARE BUILT TO LAST

Meet Tiffany

Tiffany is the staff engineer that guided Ana’s project through assessment, design and implementation. Following the construction of additional rainwater harvesting systems, she will advise the team on best practices for monitoring the project’s performance.

LEARN MORE ABOUT THE VOLUNTEERS ON ANA’S PROJECT
EWB-USA’s 15,900 volunteers are the heartbeat of the organization. They give their time, their energy and their expertise in pursuit of EWB-USA’s vision of a world where every community has the capacity to sustainably meet their basic human needs.

How do we mobilize this movement? EWB-USA’s headquarters staff equips our volunteers with the training and educational resources to thrive in their individual and collective roles. Annual conferences offer volunteers the opportunity to share best practices, collaborate and network with like-minded peers. In 2014, 529 volunteers attended EWB-USA’s national conference in Virginia.

The opportunities to exhibit leadership don’t end with the volunteer experience. A 2011–2014 study of four professional engineering organizations sponsored by the National Science Foundation demonstrates that EWB-USA volunteers stand out from their peers in both the classroom and the workplace. EWB-USA involves significantly more females than other associations, and its volunteers carry the attributes of service participation, openness to experiences, agreeableness, and higher-than-average professional skills.

Meet Katie

Katie is a student in the EWB-USA Worcester Polytechnic Institute Chapter that worked with Ana’s community. As a social science and mechanical engineering double-major, she brings a valued interdisciplinary approach to assessing the Guachtuq community’s needs and developing technical solutions. Following four trips to the community, Katie has a global perspective and is equipped to be a changemaker for her generation.
Everyone has an important role to play in our financial story. From our community partners to our corporate partners, each investment is an investment in sustainability.
## Our Finances

### Statement of Financial Position

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
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<td></td>
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<tr>
<td>Current Assets</td>
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<td>Cash and Cash Equivalents</td>
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<td>2,336,938</td>
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<td>Investments</td>
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<td>Promises to Give</td>
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<td>Due from ASCE</td>
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<td>Prepaid Expenses</td>
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<td>24,906</td>
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<td>Project Advances</td>
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<td>Total Current Assets</td>
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<td>Property &amp; Equipment (Net)</td>
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<td>Intangible Assets (Net)</td>
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<td>Total Assets</td>
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<td>5,092,590</td>
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<td><strong>LIABILITIES</strong></td>
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<tr>
<td>Current Liabilities</td>
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<td>Accounts Payable &amp; Accrued Expenses</td>
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<td>Agency Liability</td>
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<td>Deferred Revenue</td>
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<td>Restricted</td>
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<td>Total Net Assets</td>
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<tr>
<td>Total Liabilities &amp; Net Assets</td>
<td>5,422,562</td>
<td>5,092,590</td>
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</tbody>
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Please note that approximately 40% of student chapters’ funds are managed by the 501(c)(3) of the chapters’ universities. Those financial activities are not reflected in the EWB-USA financial statement or annual report.
Our Finances

Statement of Activities

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<thead>
<tr>
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<th>2014 UNRESTRICTED</th>
<th>TEMPORARILY RESTRICTED</th>
<th>2013 TOTAL</th>
<th>TOTAL</th>
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<tr>
<td><strong>SUPPORT AND REVENUE</strong></td>
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<tr>
<td>Contributions &amp; Grants</td>
<td>$1,902,526</td>
<td>$2,491,629</td>
<td>$4,394,155</td>
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<td>Less Costs of Direct Benefits to Donors</td>
<td>(77,720)</td>
<td>(77,720)</td>
<td>(110,504)</td>
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<td><strong>Net Contributions &amp; Grants</strong></td>
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<td>Member Dues - Professionals</td>
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<td>Chapter Fees - External</td>
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<td>84,800</td>
<td>79,232</td>
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<td>Registration - Conferences</td>
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<td>264,222</td>
<td>110,708</td>
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<td>In-Kind Contributions</td>
<td>3,017,500</td>
<td>-</td>
<td>3,017,500</td>
<td>3,134,050</td>
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<td>Interest/Dividends</td>
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<td>8,362</td>
<td>87,738</td>
<td>75,237</td>
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<td>Gain (Loss) on Investments</td>
<td>(54,819)</td>
<td>(8,241)</td>
<td>(63,060)</td>
<td>(61,789)</td>
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<td>Miscellaneous</td>
<td>15</td>
<td>15</td>
<td>30</td>
<td>50,112</td>
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<td>Net Assets Released from Restrictions</td>
<td>2,358,017</td>
<td>(2,358,017)</td>
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<td><strong>Total Support and Revenue</strong></td>
<td>$7,840,282</td>
<td>$174,653</td>
<td>$8,014,935</td>
<td>$7,809,417</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>2013 UNRESTRICTED</th>
<th>TEMPORARILY RESTRICTED</th>
<th>2013 TOTAL</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td><strong>EXPENSES</strong></td>
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<tr>
<td>Program Services</td>
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<td>-</td>
<td>6,906,035</td>
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<td>General &amp; Administrative</td>
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<td>347,062</td>
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<td>Fundraising</td>
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<td>-</td>
<td>406,359</td>
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<td><strong>Total Expenses</strong></td>
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<td>-</td>
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<td>Change in Net Assets</td>
<td>180,826</td>
<td>174,653</td>
<td>355,479</td>
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<td>Net Assets (Beginning of Period)</td>
<td>88,616</td>
<td>4,382,343</td>
<td>4,470,959</td>
<td>4,075,400</td>
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<tr>
<td><strong>Net Assets (End of Period)</strong></td>
<td>$269,442</td>
<td>$4,556,996</td>
<td>$4,826,438</td>
<td>$4,470,959</td>
</tr>
</tbody>
</table>
Our Capacity Builders

- $500K +
  - ASCE
  - Boeing
  - NCEES
  - Bechtel
  - AECOM
  - Google
  - MWH
  - Black & Veatch

- $200K +
  - Alcoa Foundation
  - CDM Smith
  - CH2M

- $100K +
  - Northrop Grumman
  - Bentley
  - ITT
  - GeoEngineers
  - KLEINFELDER

- $75K +
  - Bentley
  - ITT
  - GeoEngineers
  - KLEINFELDER

- $25K +
  - Bentley
  - ITT
  - GeoEngineers
  - KLEINFELDER

- $10K +
  - Johnson & Johnson
  - anteagroup
  - ARUP
  - Penetron
  - Langan
  - Trimble
  - Kennedy & Jenks Consultants
  - Webroot
  - Pennoni
  - enginuity
  - CPP
  - David Evans Associates
On behalf of our volunteers and all the communities around the world that partner with Engineers Without Borders USA, we thank and recognize the donors below who gave $1,000 or more to strengthen our capacity to engineer change.

**ORGANIZATIONS**

Anonymous (4)
AbbVie Foundation Engagement Fund
AFEnergy, LLC
Autodesk, Inc.
Bancroft Family Foundation
Bayless Charitable Fund
Chambers Family Foundation
David and Carolyn Leuthold Fund
Don and Anne Stager Family Foundation
Emerson Process Management
First Solar Corporate Charitable Fund of the Toledo Community Foundation
Franklin W. Olin College of Engineering
GE Foundation
Geocorp
Geosyntec Consultants
GPK Foundation
Granger Employees
Hamilton Family Foundation
I & G Charitable Foundation
King County Subsection AWWA
Kurtz Family Foundation
Microsoft Employees
Parkson
Parsons Brinckerhoff
Pershing LLC
Pratt & Whitney
Price Gregory International Inc.
PricewaterhouseCoopers
Protection Engineering Consultants
Purnell
Rally for Impact Foundation
Rudy & Alice Ramsey Foundation
SBW Consulting, Inc.
Tektronix Foundation
The Bailey Foundation
The Council of Engineering and Scientific Society Executives
The Fuller Family Trust
The Harold and Marion Gordon Foundation
The Jhamandas Watumull Fund
The Joseph and Catherine Johnson Family Foundation
The Thomas P. Waters Foundation
The Tomoe Family Charitable Fund
Thorton Tomasetti Foundation

**INDIVIDUALS**

Anonymous (3)
Joseph Adams
Joseph & Nona Ahearn
William Anderson
Jeff & Lisa Bennett
Michael Bensing
Gil Blankespoor
Rocio Falcomeras Bordallo
Kathy Caldwell & Ron Cook
Edwin Contreas
Jack S. Cook
Dave Cook, LG, CPG
Stephen & Joanie Cornwall
Russell Cox
Jody K. Debs
Sam Dolleneimer
Philippe & Jacqueline Eberhard
Thomas Farris
Christian Fernholz
Diane Gjerde
Scott Oppenheimer
John D. Plant
Gayle Roberts
Don & Charleen Roberts
Michael Ross
Robert Sardis
Gregory Sauter, P.E.
Richard & Elizabeth Schiferl
Daniel Schreiber
Rebekah Sexton
Paul Shea
Deborah Shust
Shayne Smith & Pamela Girard
Don & Chris Stevens
Catherine Swyka
Kathleen Tryner
Davon White
Mark Williams
Richard Yonash
Leland & Marian Zeidler

Our Capacity Builders
Our Board of Directors

Gregory Sauter, P.E., President
President, Crossroads Advisory

David G. Mongan, P.E., Past President
Past President, ASCE

Paul R. Shea, P.E., President Elect
President, CDM Constructors, Inc.

Bernard Amadei, Ph.D., ex officio
Founder, Engineers Without Borders USA
Professor of Civil Engineering,
University of Colorado

Catherine A. Leslie, P.E., ex officio
Executive Director,
Engineers Without Borders USA

Kathy J. Caldwell, P.E.
President, Caldwell Cook and Associates
Past President, ASCE

Dave Cook, P.E.
Principal, GeoEngineers, Inc.

Jody Debs
Legal Counsel, CH2M HILL

Thomas Farris, Ph.D.
Dean of the School of Engineering
Rutgers University

Jodi Gentry, P.E.
Professional Member Representative
Council of Regional Presidents
Sunflower State Professional Chapter

Vivaswath (Vivas) Kumar
Student EWB-USA Representative
EWB-USA Rice University Chapter

David Lovell, Ph.D.
Faculty Representative,
University of Maryland College Park

Ed Mueller
Member

Riall W. Nolan, Ph.D.
Associate Provost,
Purdue University

Andrew W. Reynolds,
Senior Advisor,
Science and Advanced Technology
U.S. Department of State

Gayle Roberts, Ph.D., P.E.
President and CEO,
Stanley Consultants Group

Mark Woodson, P.E., FASCE
ASCE Representative
President, Woodson Engineering and Surveying, Inc.

Andrew Yager, Ph.D.
Senior Advisor, Multiconsult