



ENGINEERS IN ACTION

CLEAN WATER SHOULDN'T BE A LUXURY

Rod Beadle
Executive Director



ROD BEADLE:

- **BS Civil Engineering, UW Milwaukee**
- **MS, International Public Service, DePaul University**
- **President of ERA, Inc. (1990 - 2015)**
 - Warrenville & Champaign, IL
- **Executive Director, Engineers in Action**
 - La Paz, Bolivia
- **Developing World Work - Civil Engineer**
 - Africa
 - Central Asia
 - South Asia
 - Caribbean
 - Central America
 - South America
- **Disaster Response Work - WASH Specialist**
 - Haiti Earthquake 2010
 - Pakistan Flooding 2010
 - Haiti Cholera Outbreak 2010
 - Horn of Africa Drought 2011
 - Sierra Leone Cholera Outbreak 2012
 - Philippines Typhoon Yolanda 2013
 - Liberia Ebola Outbreak 2014
 - Mideast Refugee Crisis, Greece 2015





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Shoko Hiroshi for JICA



WHY DO SO MANY INTERNATIONAL DEVELOPMENT PROJECTS FAIL?

- Value = Cost
- Lack of capacity building in programs
- Lack of cultural awareness
- No community input





BOLIVIA

- 2nd poorest country in the Western Hemisphere
- 10.9 million people (2013)
 - 60% indigenous
 - 26% mestizo (mixed)
 - 7% white (European)
- GDP (2014)
 - Bolivia = \$5,650
 - Chile = \$21,099
- WASH Deaths Under 5 (2004)
 - Bolivia = 245/100,000
 - Chile = 1/100,000





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ENGINEERS IN ACTION

- 501(c)3 headquartered in Tulsa, OK and La Paz, Bolivia
- Founded in 2007
- Working in partnership with North American and European NGOs and local agencies to bring clean water and infrastructure to unreached communities
- 14 teams hosted in 2015
- 24 teams in 2016





CULTURAL AWESOMENESS

- Eight Bolivian staff members
 - 5 engineers
 - 1 health promoter
 - 2 support staff
- ABCD community selection process
- Spanish, English, Aymaran, and Quechua speakers
- Ability to visit and revisit communities







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EIA PARTNERSHIPS

- Engineers Without Borders, USA
- Bridges to Prosperity
- Habitat for Humanity
- United Methodist Church
- US University Internships and Immersion Programs
 - Emory University
 - University of Oklahoma
- Rotary International and Bolivia District 4690





EIA needs...

- Direct support:
 - to hire more engineers and project managers to respond to increased requests for help.
 - to open new offices in Bolivia and other Latin American countries to reach more people in need.
- Grant support and partnerships:
 - Rotary Global Grant partners
- Teams that want to come and make a difference in Latin America!





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THANKS!



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