INTERCULTURAL TRANSFER OF KNOWLEDGE
OUR WORLD TODAY
GLOBAL CHALLENGES

748 million lack clean water
1.4 billion lack access to electricity
2.5 billion lack adequate sanitation
2.7 billion rely on biomass energy for cooking
Clean water continues to be the most pressing need for our partner communities.
14,700 MEMBERS
286 CHAPTERS
72% STUDENTS
28% PROFESSIONALS
Community-driven development projects

Countries
Community-initiated driven maintained
EWB at Arizona State University
Student Chapter
60 STUDENTS

10 PROFESSIONAL MENTORS

2 COMMUNITIES

5 CURRENT PROJECTS
OUR LEGACY
ASU-EWB’s Past Projects

ECUADOR (2005-2010)
• Dam and reservoir
• Water treatment and distribution

KENYA (2010-2016)
• Rainwater catchment
• Dam rehabilitations
• Hydraulics Lab @ local college
OUR LEGACY
ASU-EWB’s History of Excellence

2012  DEAN’S AWARD FOR OUTREACH
2012  DELL SOCIAL INNOVATION CHALLENGE SEMI-FINALIST
2012  ARIZONA STATE UNIVERSITY INNOVATION CHALLENGE FINALIST
2013  OUTSTANDING ENGINEERING EMERGING STUDENT ORGANIZATION LEADER – BRITTANY DUONG
2012  BEST ENGINEERING STUDENT ORGANIZATION FUNDRAISER – ANNUAL KENYA DIG IT? 5K RUN
2015  OUTSTANDING UNDERGRADUATE STUDENT ORGANIZATION
2015  OUTSTANDING SUSTAINABLE PROJECT
2016  OUTSTANDING ENGINEERING FACULTY ADVISOR DR. KAVAZANJIAN
2016  OUTSTANDING EMERGING STUDENT ORGANIZATION LEADER – MARISOL LUNA AGUERO
2016  OUTSTANDING PROFESSIONAL DEVELOPMENT ENGINEERING STUDENT ORGANIZATION LEADER DANIELA PANFIL
The Way We Work
Focused on building community and sustainability
FROM CAD DRAWINGS
Larger Impact

First hydraulics lab in Western Kenya
India Project

- Assessment trip in December
- Partnership with local university
LOCAL PROJECTS
With the Navajo Nation
Community Center
Preliminary Site Plan
Black Mesa United
Mountain Biking Project
12 Mile Trail

Pump Track
Solar Project

For about 15 homes currently without electricity
Tamarisk Project
MENTORS MATTER
How To Get Involved

- Become a mentor at ASU
- We need engineering speakers
- We need sponsors
RUN WITHOUT BORDERS
5K

- We need sponsors for our 5K run.
- Benefits of becoming one?
  - Logo on shirt
  - Chance to recruit students
  - 100% of donations go to EWB-ASU
Summary

– Our model is sustainable
– We work locally and internationally
– We need mentors
– We need funding
THANK YOU!

facebook.com/EWB.USA.ASU
Search: Engineers Without Borders - Arizona State University

studentorgs.engineering.asu.edu/ewb/

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