

# Engineers Without Borders

*building a better world, one community at a time*



# Cornell University Chapter



- Founded in Colorado, 2001
- 16,800 members
- 42 countries
- 684 projects



- Founded at Cornell, 2011
- 35 active members
- 3 countries (including USA)
- 4 projects



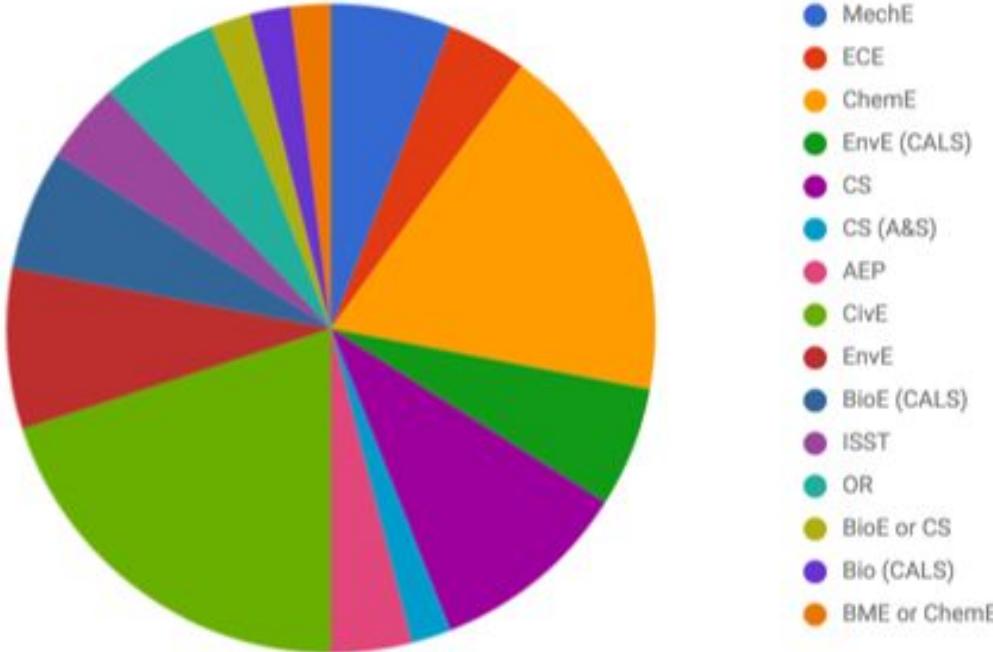


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# Breakdown of Majors



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# Subteams



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# Calcha, Bolivia



- our first international project!
- partnered with Engineers in Action
- implemented two projects
  - 2016: built 50 meter suspension bridge
  - 2017: lengthened and lined irrigation channels
- monitor the bridge and channel project
- complete project in Bolivia



# Upala, Costa Rica

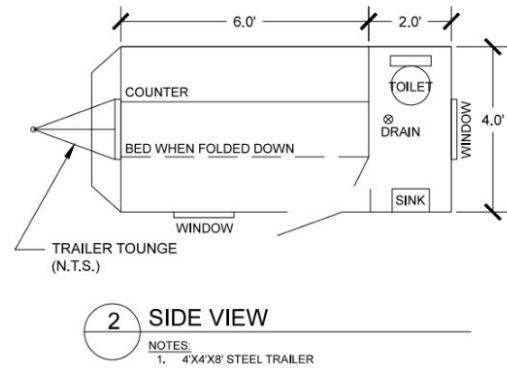
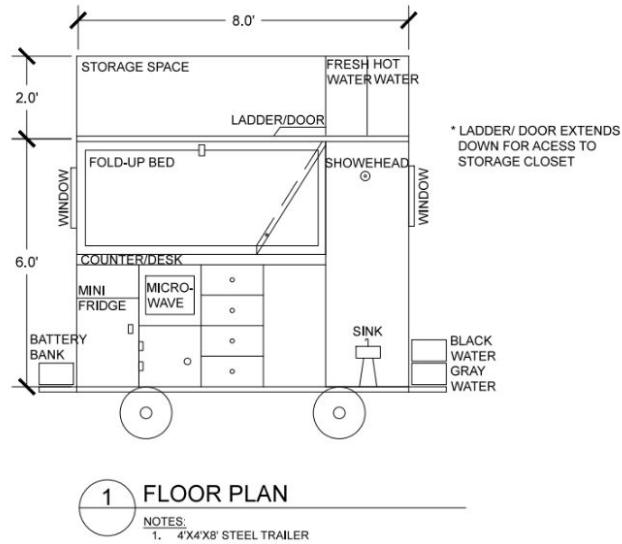
- our second international project!
- partnered with CENDEROS, Costa Rican non-profit center for migrants
- hydroelectric or solar energy project
- finalize approval process
- plan first assessment trip



# Binghamton, NY



- first domestic project!
- partnered with Every1's Home
- design portable trailer homes (E-Pods)
- build prototypes of E-Pods



# Business and Design



- raise awareness about EWB on campus
- organize fundraisers
- maintain relations with corporate sponsors, donors, and alumni
- design corporate sponsorship packet
- update website and social media platforms



# Construction Management



- create technical drawing sets
- organize workshops
- determine materials and equipment
- coordinate with project teams to ensure success of project



# Travel



**Summer 2014:** Calcha assessment trip #1 (2 weeks, 7 students)

**Summer 2015:** Calcha assessment trip #2 (2 weeks, 4 students)

**Summer 2016:** bridge implementation (8 weeks, 8 students)

**Summer 2017:** channels implementation (3 weeks, 4 students)

**Winter/Spring 2017:** Upala assessment trip #1 (1-2 weeks, TBD)

# 2016 Implementation



# 2016 Implementation





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# 2017 Implementation



# 2017 Implementation



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# Team Activities



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# Fundraisers

# Timeline

## Info Sessions:

Wed, August 30 from 5-6pm in Phillips 307

Tue, Sept 5 from 5-6pm in Phillips 307

## Application Process:

**Application Due:** Wed, Sept 6 at 11:59pm to [ewbcornell@gmail.com](mailto:ewbcornell@gmail.com)

**Interview Round 1 (invite only):** Sat, Sep 9

**Interview Round 2 (invite only):** Sun, Sep 10 (does not conflict with Clubfest)



# Any Questions?

Contact information and additional information:

1. Website: [ewb.engineering.cornell.edu](http://ewb.engineering.cornell.edu)
2. Facebook: Engineers Without Borders - Cornell University
3. Email: [ewbcornell@gmail.com](mailto:ewbcornell@gmail.com)
4. Ask any remaining questions after this presentation!

Please enter your information in the spreadsheet in the front  
to receive an application via email!

**Thank you!**

