

Composting Toilets

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Abstract

Three Ethos program students were sent to Cochabamba, Bolivia in order to work with various engineering projects in the area. CONSES a small organization in the city, works with dry, compostable toilets to help improve the sanitation and water problems in the area.

Introduction

- Cochabamba has a serious water shortage
- Only 20% of the city has access to basic sanitation services
- CONSES has simple dry toilet design that is economical and sustainable for the marginalized population in Cochabamba.



Figure 1: Example of composting toilet

Project Description

Marketing the Organization

- Worked to rebrand the organization from a for-profit company to a charitable organization
- Created a website that can be used to reach out to potential donors
- Researched crowd funding
- Reached out to potential partner organizations for funding and grant opportunities

Product Development

- Design testing
- Recording success of past toilet models implemented
- Constructing toilets
- Testing and Constructing new Solar oven designs

Results & Discussion

We were able to rebrand the organization that makes donors more likely to want to donate. We created a website that has the to accept donations and inform potential donors of the project. It also acts of way to keep people who are involved with the organization updated with pertinent information.

We were unable to secure a grant of any kind from a partner organization. We found that people want to be more involved with the organization and research than CO

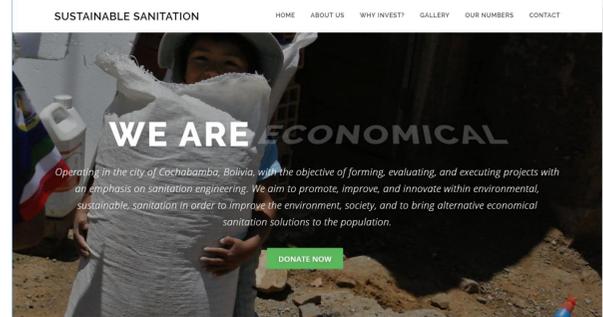
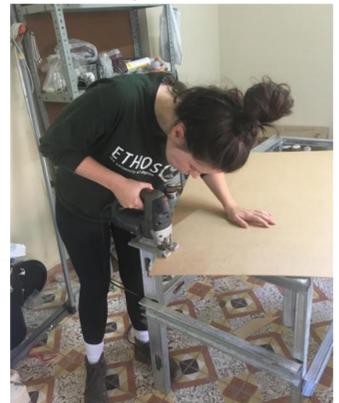


Figure 2: Front page of website

Recommendations

- The Website will be needed to be updated to stay up to date
- I recommend to continue to reach out for partner organization for funding
- Begin client outreach in the Cochabamba area to find people that are interested in the product
- Set up a more effortless donor platform through the website

Figure 3- Making a solar oven



Acknowledgements

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