RICE UNIVERSITY CHAPTER
ENGINEERS WITHOUT BORDERS

Implement tangible, sustainable, and impactful projects
Empower communities for long term growth
Develop students to become:

• Effective engineers
• Successful leaders
• Compassionate members of their communities
DELIVERING WATER TO LUCIDIA MANTILLA

Previous project success
Strong, clear vision for project team
Close relationship with community & ENACAL
Our foundation: Effective cross-cultural communication
Developed a strong, motivated team with help of industry mentors

Project statistics:
- Pump station and control system, pipeline network, storage facility
- One year design implementation
- $60,000
- 15 student engineers, 2 mentors
### PROJECT GOAL:
Develop a water distribution system for Sadrach Zeledon which will deliver water directly to homeowner’s lots.

### POPULATION:
1,200 people

### TOTAL ELEVATION:
75m

### TIMELINE:

<table>
<thead>
<tr>
<th>August 2013</th>
<th>January 2014</th>
<th>Currently</th>
<th>January 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Implementation/Exploratory Trip:</strong></td>
<td>Signed MOU, Established in-country contacts</td>
<td>Completed all design and budget work, Continue documentation</td>
<td>Implementation Trip: Complete project implementation</td>
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</tbody>
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**Opened project**