EnPRO 354

Small-Scale Desalination

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A Global Issue

• Dwindling fresh water supplies

• Supply

• Demand

• Most affected
Goals and Solutions

• Develop a business plan

• Targeted for people in underdeveloped world

• Small-Scale Desalination

• Combining existing technologies

• Impact on end-users
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Progress

- Reverse Osmosis
- Developing multiple energy solutions
- Researched finances, water usage, culture
Obstacles Thus Far

• Lack of specific information on RO units

• Lack of information for power source, price quotes

• Target market’s water usage and consumption
Anticipated Challenges

• Cultural compatibility

• Maintaining consistent funding

• Maintenance and functionality
Questions?