Team 4

Team Meeting 9/18/13

Stephen Robinson, Diego Arguello, Kara Springsteen, Ryan Byers

We decided that we are going to do the drip irrigation system project. The talents of our group members would be better put to use developing the drip irrigation system. We believed that this project was easier for us to visualize. While analyzing both projects, our group was able to come up with ideas on how to make a prototype for the irrigation system.

1. What needs to be achieved?
   a. We need to find a cheap and efficient way to be able to irrigate greenhouses in Cameroon.

2. What are some of the obstacles that we will encounter?
   a. We need to meet the cost and simplicity of the system?

3. How are we going to make problems easy to fix?
   a. We are going to have to make the design as simple as possible and not have any complex parts on the system.

4. What materials are we going to use?
   a. We can use rubber for the hoses of the irrigation system, cotton as the filters, and bronze for the valve handle.

5. How can we make the system, so that it can be easily discounted?
   a. We will use easy-to-use connectors made out of cheap plastic.

6. How can we make the dirt and sediment easy to clear out?
   a. We can put multiple sieves in that will be easy to remove. They will be able to pull them out to clean the dirt and sediment off. The sieve will be multi-tiered to filter the water.

Industries of Cameroon:

Aluminum production is thriving.

Other commodities include cotton, lumber, rubber, and petroleum production.

http://www.exportersindia.com/stancoplastic/products.htm
http://geography.about.com/library/cia/blccameroon.htm