Goal: To create an irrigation system for communities in Cameroon.

Our Design:
The unique features of our design include
• Sub main lines that extend perpendicular in both directions off the main line
• Slanted main line utilizes gravity to give water energy
• Filter found within the container that cleans the water prior to entering the main line
• Drip- emitter keeps soil from clogging the system

Materials Used in Design:
• PVC Pipe- for main line
• Rubber tube- for sub main lines
• Metal wire- for filter
• 4-way PVC connectors

These materials are readily available in Cameroon, making it cost effective and easily manufactured.