



## GREENHOUSES AND IRRIGATION

### GARISSA COUNTY

**SPONSORED BY: World Federation of KSIJ and Africa Federation (AFED)**

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#### **Introduction:**

Water is essential for life. Yet many people in the world barely get enough and often go thirsty. Garissa County (in former Northeast Province of Kenya) with its capital Garissa town has a population of 623,060 (<http://www.garissa.go.ke/about--the-county.html>). It has very low literacy and most villages don't have any irrigation sources or knowledge in agriculture.

Two groups/institutions were identified to be provided with a greenhouse and farming kit together with training from agronomists. During the 2011 famine, one of the locations in Garissa country where CHEPs distributed food relief was Alikune village. Thus a women's group, registered as a Community Based Organisation, was chosen by the villagers and their chief as the direct beneficiary group. It is hoped that with the crops grown by them there will be increased availability of food in the village. This is sustainable as the drip irrigation used in the greenhouse uses very little water. Hence during the next drought this village should not go hungry as they did during the previous ones. Excess food can be sold in other villages and the profit used for other development projects and helping the group members take care of their other essential needs eg school fees for their children. This will also empower women in the community and encourage others to organize themselves into groups and take up similar projects for community development. The second greenhouse was installed in Al-Farooq orphanage in Garrisa town where 400 orphan children are given shelter and food. It is expected that this green house will reduce the burden of poverty & hunger in Alikune village and the orphanage.

**Green house for Al-Farooq orphanage in Garissa town:**



Taking measurements before installing the greenhouse



Area fenced



Greenhouse installed, ground dug up and fresh soil spread in the area

**Green house for Alikune Womens group in Alikune village:**



Alikune Women's Group carrying materials to their fenced plot in preparation for greenhouse installation



Water tank and greenhouse installed



Alikune Women's Group excited over their new greenhouse, eager to start farming



Greenhouse installed, ready for farming