**A Field Guide to Community Based Adaptation: Field Assignment 6, Chapter 6**

Tim Magee

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| **Field Assignment 6. Course project example: Log Frame 2** |
| **100 Maya families will enjoy improved health, food security and incomes from a health, family garden, livelihoods and climate smart agricultural project.** |
| **Problem Statement** | [Problems and underlying causes] (1) 300 small children from 100 families in four Guatemalan villages are frequently ill with chronic diarrhea caused by little knowledge of health and hygiene and (2) are chronically undernourished caused by little knowledge of nutrition and less than 12 months of food reserves. These families also suffer from (3) insufficient agricultural incomes from reduced crop harvests and access to water due to (4) a lack of knowledge of climate change and its near and long-term impacts—and by (5) unpredictable dates for the start and end of the rainy season, intermittent drought and erratic rainfall during the rainy season, flooding and extreme weather events. They contribute to [Negative Impacts] (a) stunting and restrict the ability of children to (b) attend and concentrate in school. These challenges also (c) reduce the ability of adults to lead the productive, meaningful, prosperous lives they need to leave the cycle of poverty and contribute to the development of their communities. |
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| **Goal Statement**[Short-term and medium–term outcomes of the activities/outputs/sub-goals of the project] | **Goal Statement:** 300 small children from 100 families in four Guatemalan villages will be able to [Underlying causes to problems as if they have been solved] (1) enjoy better health through a health and hygiene program, and (2) improved nutrition and 12 months of food security per year through a family garden and nutrition program. These families will also (3) enjoy increased agricultural incomes through an agricultural income generation program, and increased crop harvests and access to water through a (4) climate change awareness program and a (5) climate smart agricultural practices program. These opportunities will contribute to [Positive Impacts] (a) improved growth and development for children, (b) better school attendance and performance—and will also increase the (c) ability of adults to lead the productive, meaningful, prosperous lives they need to leave the cycle of poverty and contribute to the development of their communities. |
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| **(1) Sub-Goal 1 (Objective)** [sub-components of the main goal, which when added together describe the main goal] |
| **Health and Hygiene Program** | [Short-term positive outcome influencing mid-term positive outcome] 50% of the children from 100 families in 4 communities will be free of chronic diarrhea through a 12 month health and hygiene program |  |  |
| **Output 1.1** [Outputs are sub-components of the sub-goal, which when added together describe the sub-goal] | 100 families in 4 communities participated in consciousness raising workshops for health and hygiene and received 3 months of follow-up |  |  |  |
|  | **Activity 1.1.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 1.1.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 1.1.3** | Present workshops to 100 families |  |  |  |
|  | **Activity 1.1.4** | Provide 3 months follow-up |  |  |  |
| **Output 1.2**  | 100 families in 4 communities participated in workshops on the benefits and practice of hand washing and received 3 months of follow up provided  |  |  |  |
|  | **Activity 1.2.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 1.2.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 1.2.3** | Present workshops to 100 families |  |  |  |
|  | **Activity 1.2.4** | Provide 3 months follow-up |  |  |  |
| **Output 1.3**  | 100 families in 4 communities participated in workshops on the benefits and practice of point of use water purification; 3 months follow-up provided |  |  |  |
|  | **Activity 1.3.1** | Develop workshop lesson plan; collect/develop workshop materials and SODIS bottles |  |  |  |
|  | **Activity 1.3.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 1.3.3** | Present workshops |  |  |  |
|  | **Activity 1.3.4** | Provide 3 months follow-up |  |  |  |
| **Output 1.4**  | 100 families in 4 communities participated in workshops on the benefits and practice of kitchen hygiene; 3 months follow-up provided |  |  |  |
|  | **Activity 1.4.1** | Develop workshop lesson plan; collect/develop workshop materials  |  |  |  |
|  | **Activity 1.4.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 1.4.3** | Present workshops |  |  |  |
|  | **Activity 1.4.4** | Provide 3 months follow-up |  |  |  |
| **(2) Sub-Goal 2 (Objective)** [sub-components of the main goal, which when added together describe the main goal] |
| **Family Garden and Nutrition Program**  | 50% of 100 families and their 300 children in four villages will be able to enjoy better overall nutrition and 12 months of food security per year through a family garden and nutrition program |  |  |
| **Output 2.1**  | 100 families in 4 communities participated in workshops on family nutrition and the benefits of planning and utilizing home gardens for family nutrition: 3 months follow-up provided |  |  |  |
|  | **Activity 2.1.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 2.1.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 2.1.3** | Present workshops |  |  |  |
|  | **Activity 2.1.4** | Provide 3 months follow-up |  |  |  |
| **Output 2.2**  | Workshops on planning and planting home gardens for family nutrition have been presented to 100 families in 4 communities; each family has at least 1 productive bed of fruits and vegetables as a direct result of the workshop. 6 months of follow-up was provided |  |  |  |
|  | **Activity 2.2.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 2.2.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 2.2.3** | Present workshops |  |  |  |
|  | **Activity 2.2.4** | Provide 6 months follow-up |  |  |  |
| **(3) Sub-Goal 3 (Objective)** [sub-components of the main goal, which when added together describe the main goal] |
| **Agricultural Income Generation Program** | 50% of 100 families and their 300 children in four villages will be able to enjoy sufficient agricultural incomes through an agricultural income generation program |  |  |
| **Output 3.1**  | 100 families in 4 villages participated in the organization of a community based Farmer's Association |  |  |  |
|  | **Activity 3.1.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 3.1.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 3.1.3** | Present workshop; introduction to the benefits of forming an Association |  |  |  |
|  | **Activity 3.1.4** | Ask for volunteers for an interim management committee |  |  |  |
|  | **Activity 3.1.5** | Formally establish the committee |  |  |  |
|  | **Activity 3.1.6** | Discuss how the next three program outputs will be conducted over a 12 month period |  |  |  |
|  | **Activity 3.1.7** | Set date and venue to hold the first committee meeting -- and distribute responsibilities for the first meeting to new committee members |  |  |  |
| **Output 3.2** | A survey was conducted with 25 local/regional businesses and markets that buy and sell agricultural produce in order to determine products they need on a routine basis |  |  |  |
|  | **Activity 3.2.1** | Develop a survey form for surveying local businesses |  |  |  |
|  | **Activity 3.2.2** | Develop a list of potential businesses that could be interviewed |  |  |  |
|  | **Activity 3.2.3** | Determine who will conduct the surveys |  |  |  |
|  | **Activity 3.2.4** | Conduct the surveys and compile the information |  |  |  |
| **Output 3.3** | Market links were established between 50 farmers in the Farmer's Association and five businesses and the businesses were asked for their support in training programs and inputs for farmers to grow the products they need |  |  |  |
|  | **Activity 3.3.1** | Discuss with management committee and members of the Farmer's Association which businesses appear to be the best fit and why |  |  |  |
|  | **Activity 3.3.2** | Vote to prioritize the top businesses to approach about establishing a market link |  |  |  |
|  | **Activity 3.3.3** | Approach the top businesses to establish the market link |  |  |  |
|  | **Activity 3.3.4** | Ask the businesses if they would be willing to make an investment in farmer inputs and training program |  |  |  |
| **Output 3.4** | Using this input, a series of vocational training workshops were launched for the 50 farm families on improved agricultural practices for these new crops and markets |  |  |  |
|  | **Activity 3.4.1** | Ask members of the Farmer's Association what types of training they feel they need |  |  |  |
|  | **Activity 3.4.2** | Ask the businesses what types of training they feel the farmers will need |  |  |  |
|  | **Activity 3.4.3** | Develop a curriculum, workshop materials and schedule for leading individual training sessions |  |  |  |
| **(4) Sub-Goal 4 (Objective)** [sub-components of the main goal, which when added together describe the main goal] |
| **Climate Change Awareness Program** | 50% of 100 families and 300 children in four villages will be able to have a greater resilience to a changing climate through a climate change awareness program |  |  |
| **Output 4.1**  | 100 families participated in a workshop and survey to identify their knowledge of climate change |  |  |  |
|  | **Activity 4.1.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 4.1.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 4.1.3** | Present workshop; survey participants in their knowledge of climate change |  |  |  |
|  | **Activity 4.1.4** | Compile the information derived from the survey |  |  |  |
| **Output 4.2**  | 100 families participated in a consciousness-raising workshops about climate change, its near and long-term impacts, and the need for a long-term adaptation plan |  |  |  |
|  | **Activity 4.2.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 4.2.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 4.2.3** | Present workshop to raise consciousness about climate change and its near and long-term impacts |  |  |  |
|  | **Activity 4.2.4** | Open discussion about the need for a long-term adaptation plan |  |  |  |
| **(5) Sub-Goal 5 (Objective)** [sub-components of the main goal, which when added together describe the main goal] |
| **Climate Smart Agricultural Practices Program** | 50% of 100 families and their 300 children in four villages will be able to enjoy better overall nutrition, increased crop harvests and access to water, and have a greater resilience to a changing climate through a climate smart agricultural practices program |  |  |
| **Output 5.1** | An expert specialist/extension agent in soil, water and agriculture was identified to design and facilitate participatory workshops and provide six months follow-up |  |  |  |
|  | **Activity 5.2.1** | Define the experts job description and terms of reference |  |  |  |
|  | **Activity 5.2.2** | Advertise for the position and hold interviews |  |  |  |
|  | **Activity 5.2.3** | Contract with finalist |  |  |  |
|  | **Activity 5.2.4** | Develop a master plan of the workshops |  |  |  |
| **Output 5.2** | 100 families participated in surveys and interviews to collect traditional knowledge on agriculture, changes in agricultural cycles, vulnerabilities and coping strategies  |  |  |  |
|  | **Activity 5.2.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.2.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 5.2.3** | Present workshop; survey participants about their traditional knowledge on agriculture, cycles, vulnerabilities and coping strategies |  |  |  |
|  | **Activity 5.2.4** | Compile the information derived from the survey |  |  |  |
| **Output 5.3** | 50 farmers in 4 communities participated in workshops on participatory mapping and identification of local crop challenges related to climate change |  |  |  |
|  | **Activity 5.3.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.3.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 5.3.3** | Present workshops |  |  |  |
|  | **Activity 5.3.4** | Provide 3 months follow-up |  |  |  |
| **Output 5.4** | Extension agent visited the 20 most affected farmers to identify exact CC impacts to crop production and needs of farmers for adapting to the negative impacts  |  |  |  |
|  | **Activity 5.4.1** | Agricultural extension officers plan format and timing for farm visits |  |  |  |
|  | **Activity 5.4.2** | Work with community to identify farms that will be visited by agriculture extension officers and set date for visits |  |  |  |
|  | **Activity 5.4.3** | Four days of farm visits and discussions with farmers |  |  |  |
|  | **Activity 5.4.4** | Agricultural extension officers compile results of farm visits  |  |  |  |
| **Output 5.5** | The Farmer's Association management committee developed a plan that combines resilient and improved agricultural techniques with traditional knowledge for an overall improvement in productivity |  |  |  |
|  | **Activity 5.5.1** | Develop planning workshop lesson plan; collect/develop workshop materials | Lesson plan prepared, workshop materials collected | Printed copy of lesson plan, delivery or purchase receipts of materials – or photos |  |
|  | **Activity 5.5.2** | Arrange workshop meetings with Farmer's Association | Prospective attendees filled in sign-up sheets for workshops & schedules prepared | Copy of sign-up sheet; copy of schedule |  |
|  | **Activity 5.5.3** | Present plan for workshops to association members | Members of Farmer's Association, the Farmer's Association committee and the extension agents met and developed long-term plan | Copy of sign-in sheets and photos of the workshops; copy of the final plan |  |
| **Output 5.6** | One pilot plot in each village was established demonstrating better cultivation practices |  |  |  |
|  | **Activity 5.6.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.6.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 5.6.3** | Present workshops |  |  |  |
|  | **Activity 5.6.4** | Provide 3 months follow-up |  |  |  |
| **Output 5.7** | 50 farmers in 4 communities participated in workshops on soil restoration and conservation techniques: 3 months follow-up  |  |  |  |
|  | **Activity 5.7.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.7.2** | Arrange workshop meetings with farmers |  |  |  |
|  | **Activity 5.7.3** | Present workshops |  |  |  |
|  | **Activity 5.7.4** | Provide 3 months follow-up |  |  |  |
| **Output 5.8** | Workshops on water conservation and management techniques have been presented to 50 farmers in 4 communities; Follow-up continued for 3 months. |  |  |  |
|  | **Activity 5.8.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.8.2** | Arrange workshop meetings with farmers |  |  |  |
|  | **Activity 5.8.3** | Present workshops |  |  |  |
|  | **Activity 5.8.4** | Provide 3 months follow-up |  |  |  |
| **Output 5.9** | 50 farmers in 4 communities participated in workshops on early maturing and/or drought resistant crops/varieties: 3 months follow-up  |  |  |  |
|  | **Activity 5.9.1** | Develop workshop lesson plan; collect/develop workshop materials |  |  |  |
|  | **Activity 5.9.2** | Arrange workshop meetings with communities |  |  |  |
|  | **Activity 5.9.3** | Present workshops |  |  |  |
|  | **Activity 5.9.4** | Provide 3 months follow-up |  |  |  |

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