



## **INFORME DE LABORES DEL PROYECTO**

# **HACIA UNA AGRICULTURA ORGANICA SOSTENIBLE PARA 240 FAMILIAS INDÍGENAS Q'EQCHI' DEL VALLE DE ULPÁN GUATEMALA" - QUINTO AÑO**

**PRESENTADO A**

**ERBACHER**

**GUATEMALA SEPTIEMBRE DE 2017**



## **PRESENTACIÓN:**

This report is to inform you about the activities developed up to date that have been oriented to facilitate the processes of rural development of 17 indigenous communities, in the Valley of the Upan, through the support of education, the practice of agroecological production, the improvement of nutrition and family economy. In order to achieve the above approach, the following objectives were elaborated from the following activities.

### **Objective 1: Promote, through the strengthening of the Demonstration Center, appropriate agroecological practices related to animals, land and plants, in particular.**

The actions carried out to achieve this goal focused on the recovery of seeds and medicinal and nutritive plants, fruit and forest trees that have been lost by the implementation of a conventional agriculture, these seeds and plants are collected from different communities which are being planting in the training center for reproduction, further promotion and sharing with promoters and families from intervention communities as well as other regions. It has been followed up with the production of organic fertilizers such as lombricompost which is used in different orchards that are established in terraces located in productive areas of the training center. The implementation of these techniques are always oriented under the agroecological system. We have shared experiences acquired in the demonstration center as the implementation of appropriate technology, we mention among them: solar energy systems, family dry latrines, water harvesting.

## **DEMONSTRATION CENTER:**

### **New crops and center rejuvenation**



vegetables in the demonstration center with permacultural technology



Greenhouse and demonstration center



Crops on terraces







Solar system in the demonstration center of CAFNIMA



Family Dry Dried Abattoirs



Demonstration center henhouse or shed



Soil conservation area: crops on terraces and curves at level



Boxes for breeding bees



Fruit and vegetable garden



Rainwater Harvesting System

**Objective 2: Loans of 40 pigs to 40 families to create income for the continuation of their sons and daughters Middle and Highschool studies.**

To reach this objective, 40 families with established criteria were selected from the following communities: Nuevo Amanecer, Chirucbiquim, Semesche, Esquipulas, Benitzul and Sesalché. Before the pigs were delivered to the selected families, they were trained in topics such as: feeding, preparation of homemade concentrate, identification of major diseases and their control, construction of the piggery and general management of pigs. During the two weeks following delivery, monitoring is provided in the homes to verify their condition and good management. Visits are made to mothers' homes and basic pupil establishment to verify if their attending classes.





Delivery of pigs to participating families





**Goal 3: Provide 20 widows, mothers of malnourished children and single women from the Ulpan Valley to improve food and family income.**

With the communities, the raising of native hens is promoted through the use of appropriate techniques. As an intervention methodology before delivering the hens, there is a training on feeding topics, preparation of homemade concentrate, identification of main diseases and their control, construction of poultry houses and general management of poultry are carried out. This past May, the first delivery was made, which faced problems of adaptation to the intervention communities, and most of them died. With this experience, a second delivery will be provided, which will be financed with our own funds which the activities are being carried out by selecting families to provide chickens, searching for birds that adapt easily to the area, an example would be creole hens among other characteristics. With the mentioned activities, it is hoped to diversify the livestock products to improve the food and nutrition of the families involved as well as their economy.



**Objective 4: Continue to support 10 model families to implement sustainable organic agriculture and promote it in their communities through the pedagogical method "from peasant to peasant."**

The first five model families have been chosen from the following communities of Nuevo Amanecer, Sejabal, Santo Tomas, Semesche and Sequixpur 2. Each family has implemented soil conservation structures, in the terraces they cultivate native vegetables such as malanga, foreign tomato or tree tomato, have planted vegetables such as coriander, beet cabbage, diversifying their production to improve their food and nutrition. The techniques being used is called implementation of agroecological systems. As a follow-up to the process, organic fertilizers called lombricompost will be produced with each model family to be applied in the home gardens. It also plans to implement livestock systems as a fundamental part of agroecological systems.



Children collaborating in the implementation of home gardens



Family gardens in model families





Family gardens in model families



**Objective 5: To train 20 young people as promoters of sustainable organic agriculture, so that they share their knowledge in their communities, using the "peasant-to-peasant" method.**

The activities that have been carried out with the young agroecological promoters include: participation in the different livestock training programs in which they have dealt with issues of animal feeding, preparation of home concentrate, identification of main diseases and their control, construction of livestock infrastructure and management general of swine, avian and bovine breeds. As part of the monitoring and technical assistance provided, visits are made to its plots implemented as part of the program, where vegetables such as cabbage, coriander, beets, basic grains are observed. These crops are produced in elaborate terraces as soil conservation structures. The diversification of crops undergo the agroecological system bringing diversification of food as a benefit to good family nutrition. As a follow-up, these experiences will be replicated with other families in the intervention communities.



Diversified plot of the promoter of the chirucbiqim community 1





Diversified family orchard of young agroecological promoter



acompanying visits and technical assistance to a parcel of agroecological promoter  
community Don Bosco Setex



Maintenance to a parcel of agroecological promoter community Don Bosco Setex



Vegetables in association with maize in an agroecological promoter plot