**Project Title: Economic recovery after earthquake**

**PROJECT SUMMARY**

With the earthquake, housing and basic services such as water supply, electric power, educational services among others were damaged, as well as productive and economic activities were affected, because the emotional impact affected the normal development of these activities in front of the replicas of the earthquake.

Houses and basic services are in the process of recovery and resilience capacities have been strengthened in the face of disasters, with the project supported by Global Giving, workshops were developed that allowed building risk maps, reconstructing a timeline of the various events that have affected the community in its evolution, the participating authorities could learn which elements generate greater vulnerability and mechanisms to prevent risks and develop social resilience and it was possible to identify the need to support the recovery of productive and economic activities.

With the project we intend to support the recovery of productive and economic activities, promoting alternatives that contribute to productive diversification and improve incomes. We propose to promote the cultivation of intercalated cocoa with traditional production of coffee and fruit trees interspersed with the cultivation of corn for self-consumption.

**WHAT IS THE PROBLEM?**

The diet is based on the cultivation of corn, beans, squash and several wild plants. Every 3 years they change their plot, they do it by means of the slash-and-burn method, leaving the soils uncovered and exposed to water erosion, which increases vulnerability to earthquakes and rains, which are the main cause of landslides.

Coffee production complements the economy of families and provides resources for other family expenses. Coffee plantations have reduced their productivity due to pests and the collapse in international prices affects the income of families.

**HOW WILL THIS PROJECT SOLVE THE PROBLEM?**

To sedentarize the cultivation of corn, we propose to develop a demonstration plot and training in management techniques and soil and water conservation, intercalar the cultivation of fruit plants (blackberry) to convert them into permanent plots to decrease the nomadic corn crop.

With this demonstrative plot in the future, extract plant material from fruit trees for the establishment of new plots.

For the marketing of blackberry we propose to establish a collection, selection and packaging center, as well as training in methods for the production of preserves, in order to diversify its market and avoid losses due to the handling of fresh produce.

In the case of coffee plantations affected by the rust plague, producers are in the process of renovating plants. To diversify production through the installation of a cacao plant nursery and promote planting interspersed in coffee plantations. Cocoa cultivation has the function of diversifying family income and serving as a shadow in coffee growing.

For the commercialization of cocoa we plan to train in the method of benefiting for its fresh commercialization. However in the future the proposal is to develop its transformation into chocolate in order to give added value and improve family income

**POTENTIAL LONG-TERM IMPACT**

Improve incomes through productive diversification with fruit trees and cacao, sedentarize the cultivation of corn, reduce risks of soil erosion and landslides, conservation and management of soil and water, reduce vulnerabilities.

**BENEFICIARIES**

Families of the community of La Candelaria and the municipal seat of Santiago Zacatepec, Mixe, Oaxaca, Mexico

**Activities**

**Training on conservation techniques and methods for soil and water conservation**

**Training and establishment and management of blackberry nursery**

**Training and establishment of cocoa nursery**

**Training for establishment of blackberry / corn**

**Training for establishment of cocoa / coffee**

**Budget**

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| **Budget to support productive recovery in Santiago Zacatepec, Oaxaca** |
| Concept | Unit of measurement | Amount | unit cost | Total |
| Blackberry vegetative material | seedlings | 1200 | 2.6 | 3120 |
| Vegetable material cocoa | seedlings | 1200 | 2.6 | 3120 |
| Cocoa seed for sowing | kg | 10 | 7 | 70 |
| Material for nursery establishment | kit | 1 | 1500 | 1500 |
| Compost preparation | kg | 1000 | 1.19 | 1190 |
| Shade cloth | roll | 2 | 1500 | 1000 |
| Material for irrigation system | kit | 1 | 1000 | 1000 |
| Equipment and tool for nursery | kit | 1 | 1000 | 1000 |
| Training in techniques and methods of soil and water conservation | event | 2 | 1250 | 2500 |
| Training for the establishment of a cocoa / coffee plot | event | 1 | 500 | 500 |
| Training for establishment of blackberry / corn plot | event | 1 | 500 | 500 |
| Training in nursery establishment and management | event | 2 | 1000 | 2000 |
| Transfers work team | travels | 20 | 49 | 980 |
| Viatic work team | people / days | 60 | 42 | 2520 |
| Building materials to enable 2 processing centers | lot | 2 | 2000 | 4000 |
| TOTAL |  |   |   | 25000 |