

Section B: Community Needs

1.- The beneficiary community selected for this project is the Colonia Villa Nueva Norte based on it being populated by people with limited economic resources whose homes do not meet the adequate conditions to protect them from mosquito bites which could transmit Dengue, Chikungunya and Zika viruses.

In this community, 4 out of 6 people are children of school attending age.

The problems that the Dengue, Chikungunya and Zika virus bring in addition to the health concerns are:

In children: absenteeism from school, stunted physical development and the potential to become ill with other sicknesses due to their weakened health;

Adults: missed workdays impacting their family income, which in turn enhances the poverty situation

Senior Citizens: the disease makes them prone to other sicknesses that could put their lives at risk.

This community is located on the eastern side of the City of Tegucigalpa. A large sector of the community does not have access to potable water, sewer system of garbage collection service which worsens the sanitary conditions of the inhabitants.

2. The necessities identified within the community are:

- Lack of potable water
- Lack of a sewer system
- Lack of Garbage Collection service
- Low levels of education
- Weak family economies
- High incidence of vector transmitted diseases
- Lack of job training for the members of the community to be able to access better jobs or develop their own entrepreneurial business.

3. The Government, through different offices attends to the different needs of the community, however, the assigned resources are not enough to tend to the problems in a timely manner. This is aggravated by the high growth rate of the population in the community which grows at a rate higher than the capacities of the Government, making the support of other institutions, like Rotary, a key factor to be able to try and solve the problems of the community.

Section C: Activity Description

1. Fumigation of the homes and nearby areas.
2. Metallic screens will be fitted to the windows of the selected homes.
3. Mosquito Nets will be donated to the residents of the houses.
4. Training in prevention of Dengue, Chikungunya and Zika
5. Clean empty lots and gutters
6. Organic waste management,
7. Safe handling of water storage bottles, drums, etc
8. Teach women in the community how to make natural repellents
9. Eliminate larva and mosquito breeding grounds.

The selected community is Zona 2 Colonia Villanueva Norte

B. The project execution will include participation from active members of the Rotary Club of Tegucigalpa and all members of the Rotary Community Corp of "Villanueva Norte"; also support will be received from the teachers and students of the Social Sciences department of the Universidad Metropolitana de Honduras (UMH)

C. The beneficiary community will actively participate through the Rotary Community Corp of Villanueva Norte, which was an organization created with the objective of collaborating and putting in place projects and events like these. This group is recognized by Rotary International and was sponsored by the Rotary Club of Tegucigalpa.

D. The community has confirmed during their neighborhood meetings and to members of the Rotary Community Corp of Villanueva Norte their need and desire to actively participate in executing this project.

Section D: Area of Focus

- 1.
2. The project will focus on the Zona 2 of Colonia Villanueva Norte due to the fact that it borders a creek that has been identified as the place where the biggest problems of mosquito breeding grounds exist. Within this area there are 700 houses.

Section E: Project Outcomes

1. The immediate expected outcomes of this activity will be to create physical barriers (Metallic Screens, Mosquito Nets), establish a periodic fumigation program near the creek, empty lots, in and near the homes of the residents as well as teaching the community how to clean and maintain the areas around the creek to avoid stagnant water along with proper waste disposal and proper use and manufacturing of natural repellents.
2. With the implementation of this activity the members of the Rotary Community Corp of Villanueva Norte as well as the rest of the community will learn how to continue developing these type of actions to eliminate the incidence of diseases transmitted by different vectors in the area.

The Rotary Community Corp Villanueva Norte, the Rotary Club of Tegucigalpa, teachers and students at the Universidad Metropolitana de Honduras will develop a strong collaborative effort to continue to develop projects and activities in this community to fight poverty and the consequences of its existence.