



*Solar panels and water purification
plants for indigenous community of
Las Guayabas
Global Grant #: 2575755*

Host club Zapopan D4140
International sponsor – District
5830 TX/OK/AR

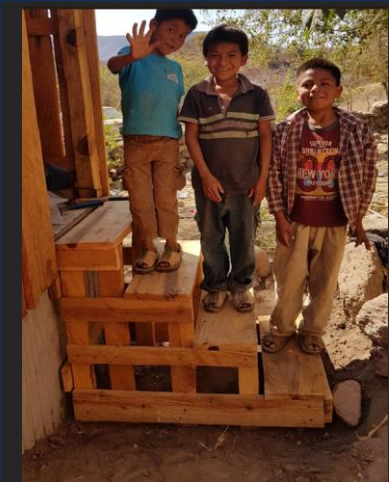


Did you know that by the end of this year there will be 60 people stung by scorpions in the indigenous community of Las Guayabas? many of them are children and will be in danger of death due to the lack of close medical care...

About “Las Guayabas”

"Las Guayabas" is a Wixarika indigenous community located in the northern highlands of the state of Jalisco.

- Distance to the Nearest City (Colotlán): 8 hours.
- Number of persons in the community: 400
- Number of cases of people stung by scorpions per year: 60
- Number of deaths per year: Between 3 - 4



Problem:



Families in the community do not have electricity. This not only puts the community at risk of receiving scorpion bites that occur particularly at night but also prevents children from being able to do their schoolwork at night.

Solution

Implement solar panels in the community that can bring light to each family.



Our Goal

Project Scope:

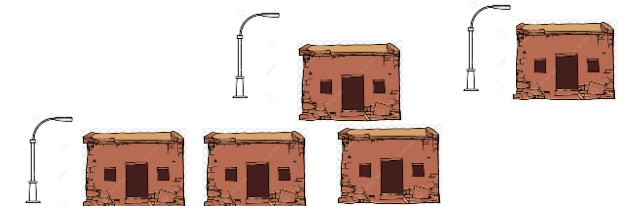
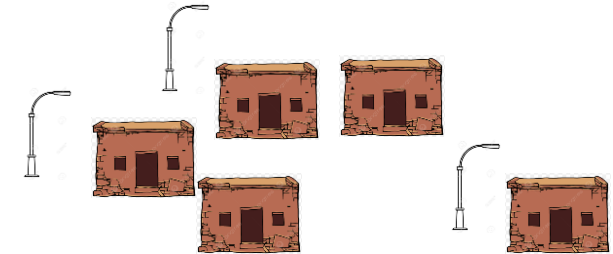
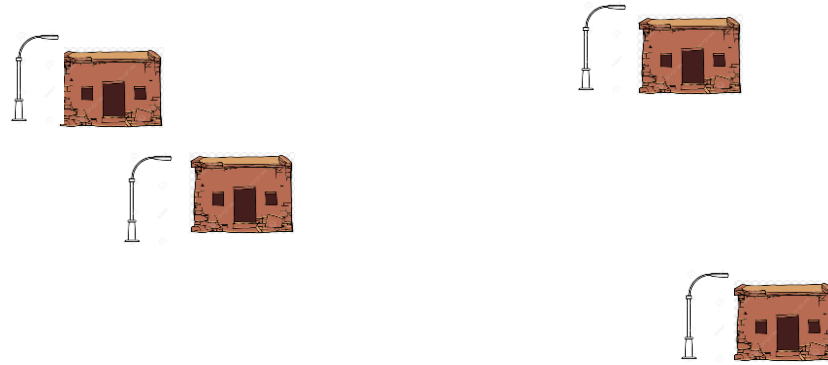
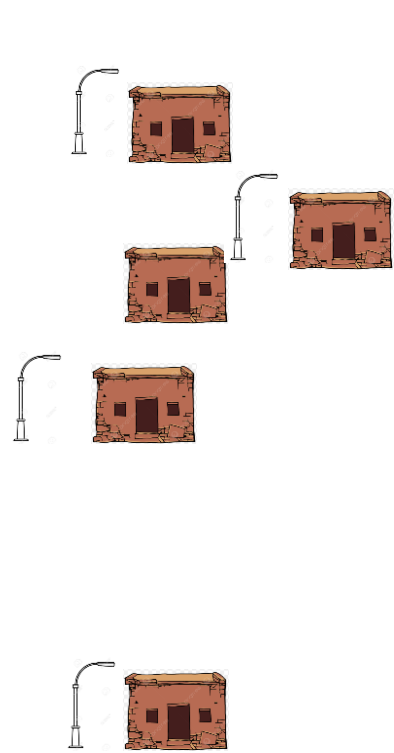
1. Implement solar panels in 50 houses in the community in order to decrease the cases of people who are stung by Scorpions.
2. Implement water purification plants for the community so they can have access to clean water.
3. Implement an isolated system also with solar panels that feed a battery that allows having a refrigerator in the ceremonial center where the antidote against scorpion bites can be had

Rotary Areas of Interest we are covering

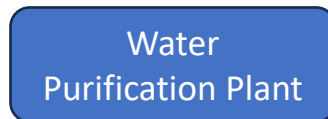
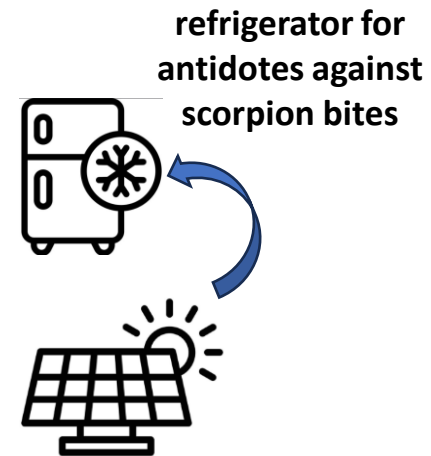
- Prevention and treatment of diseases

The community has been included in the Project since the beginning. They have assigned a special committee that is doing the follow up on the agreements and will be the ones to be trained to install spare parts in case needed.

General Esquematic of the project



Ceremonial Center



Materials and Budget for the project

Budget:
1,337,476 pesos

Concept	Amount in Pesos	
Water purification plant 1 for the community's ceremonial center	\$ 302,846.96	
Water purification plant 2 for the school for children in the community	\$ 302,846.96	
50 light systems that are powered by a solar panel (each system provides 2 lights: one outside the house and one inside the house)	\$ 215,038.48	
50 metal tubes to support the luminaire that goes outside the house	\$ 87,500.00	
Spare parts to change any miss functioning piece on the light system	\$ 19,155.00	
Spare parts for the potabilization plants (The spare parts guarantee operation for 6 years)	\$ 55,718.95	
System with solar panels that powers a battery to have a refrigerator in the ceremonial center where you can have the antidote against scorpion bites	\$ 194,369.62	
Travel expenses to monitor the project	\$ 60,000.00	
budget for unforeseen events that may arise.	\$ 80,000.00	
Follow up to check the operation pos project	\$ 20,000.00	

Funding in US Dollars (exchange rate 18.5:1)

Sponsor	Amount USD
Mexico host club	\$1,000
District 4140 DDF	1,000
US Sponsor & Other Partners DDF	38,609
Rotary Foundation Match	31,686
Total Amount	\$ 72,295

About our club's experience in Global Grants

Our club has successfully completed a Global Grant to implement in this community 50 dry toilets. (*Global Grant GG 2235574*)





Together let's help "Las Guayabas"

For more information please contact:

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Thank you!