



## Title: GREENHOUSE PROJECT IN SAN AGUSTIN (PROYECTO INVERNADERO EN SAN AGUSTIN)

### PROJECT DETAILS

#### Project Objective:

TO PROVIDE EMPLOYMENT AND A MEANS OF LIVELIHOOD FOR MORE THAN 30-50 FAMILIES, AS WELL AS SUPPORTING FAMILY DEVELOPMENT THROUGH EDUCATION AND THE COORDINATION OF COOPERATIVES VIA A TRUST FUND COMPRISED OF FAMILIES FROM THE COMMUNITY AND SUPERVISED BY ROTARIANS IN THE DEVELOPMENT AND MONITORING OF THE PROJECT.

**Country/Location:** México

**Focus Area:** Community Economic Development

**Implementation Year:** 2027

**Total Project Budget:** \$50,000.00 USD

**Missing Funds:** \$29,000.00 USD

#### Community Assessment:

##### Overview:

TO ACHIEVE AN AVERAGE GROWTH OF 25–30 FAMILIES PER YEAR IN THIS PROJECT, PROVIDING THEM WITH EMPLOYMENT AND A MEANS OF SUPPORT, AS WELL AS A RADICAL CHANGE IN THE LIFESTYLE OF FAMILY MEMBERS—CHILDREN, YOUTH, AND ADULTS.

SOME FAMILIES HAVE BEEN VISITED, AND THEIR CAPACITIES TO MANAGE THE PROJECT ARE BEING EVALUATED; THEY MUST BE FAMILIES THAT HAVE BEEN TOGETHER FOR MORE THAN 25 YEARS AND HAVE A GOOD REPUTATION IN THE COMMUNITY.

AS WE HAVE SEEN THE QUALITY OF LIFE OF OUR PEOPLE DECLINE, WE WISH TO REVIVE THIS PRINCIPLE BY PROVIDING REAL, NOT FICTITIOUS, SUPPORT TO EACH FAMILY, FOSTERING GOODWILL WITHIN THE COMMUNITY.

Why did you decide to focus on addressing this problem?

What other needs exist in the community?

What other organizations are working in the community on issues that are not related to the problem you identified and what services are they providing?

Who conducted the community assessment and when? What methods were used?

Describe the community and institutions where your project will take place. Include any relevant information about the area

Tell us about the people that the project will help

Based on the community assessment, describe how the problem you identified is currently being addressed or mitigated. What are the key challenges?

What are the community's strengths and resources?

Are any similar programs or initiatives being implemented in the community by non-Rotary entities, government agencies, or nongovernmental organizations (NGOs)? How will these similar initiatives enhance your project's effectiveness?

### Project Design:

#### STRUCTURE:

Dimensions can vary and are based on the owner's specifications.

Standard structures are made of aluminum with plastic.

Structure made of aluminum and transparent canvas.

Structure made of PVC filled with non-toxic resin and transparent canvas.

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There are two ways to manufacture them with

Automated strip section controlled by temperature and pressure with aluminum connections, costing \$1,600–\$2,000 per family.

Controlled by a PLC for temperature and operated by two workers, costing \$800–\$1,000 per family.

For both shifts

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### Direct Beneficiaries:

We are trying to lift between 35 and 50 families out of poverty so we can give them a better quality of life.

...including their children... initially, the actual impact could be between 175 and 250 people, with an additional 175 people potentially becoming involved in this project.

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### Sustainability:

First, build a 5x10-meter greenhouse for a 3- to 4-month growing period

To produce a harvest of 1 metric ton per month.

From there, we can analyze the plant's growth.

As for water, 2 cubic meters are needed... 100 to 150 liters of water every 15 days

This involves an initial investment in infrastructure and metering for 50 families of 35,000 USD if the structure is made of PVC

If it is made of aluminum, the cost is 50,000 USD

The salary for 2 people to care for the plants...2,400 pesos per person.

If a programmable logic controller (PLC) is installed to control the temperature

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### Collaborators:

UACJ,

Central de Abastos

Asociacion Alias AC.

Rotary Clubs.

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### Evaluation and Monitoring:

Monitoring the implementation of the greenhouses will be handled by two groups: one consisting of professors and students from the UACJ, and the other consisting of agronomy experts who will be responsible for maintaining the hydroponic system to ensure that everything is working properly.

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## PROJECT CONTACTS

**Host Club:** CLub Rotario Juarez Norte AC (District 4100)

**Contact:** David Jesus Holguin Rascon - tutiendamg@hotmail.com

**International Club:** aurota gateway (District )

**Contact:** Bob Larry -

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## PROJECT FINANCE SUMMARY

### Finance Calculator

Funds Sources (Requested / Committed)

| Source                              | Club (Cash)    | District (DDF) | Match + 5% Fee | Total           |
|-------------------------------------|----------------|----------------|----------------|-----------------|
| CLub Rotario Juarez Norte AC (Cash) | \$5,000.00 USD | -              | +\$250.00 USD  | \$5,000.00 USD  |
| Distrito 4100 (FDD)                 | -              | \$5,000.00 USD | \$4,000.00 USD | \$9,000.00 USD  |
| aurota gateway (Cash)               | \$2,500.00 USD | -              | +\$125.00 USD  | \$2,500.00 USD  |
| Distrito Intl N/A (FDD)             | -              | \$2,500.00 USD | \$2,000.00 USD | \$4,500.00 USD  |
| TOTALS                              | \$7,500.00 USD | \$7,500.00 USD | \$6,000.00 USD | \$21,000.00 USD |

|                    |                |
|--------------------|----------------|
| ** Required FDD ** | \$6,000.00 USD |
|--------------------|----------------|

|                               |                 |
|-------------------------------|-----------------|
| Total Requested Budget        | \$50,000.00 USD |
| Total Obtained Funds          | \$21,000.00 USD |
| ** Funding Gap **             | \$29,000.00 USD |
| Total 5% Cash Fee (info only) | \$375.00 USD    |

DOCUMENTS, PHOTOS & FILES (CLICK TO OPEN)

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(1 FILES)

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