

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: Desarrollo Económico y Comunitario

Implementation Year: 2027

Total Project Budget: \$50,000.00 USD

Missing Funds: \$29,000.00 USD

Community Assessment:

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.

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.

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

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.

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

Collaborators:

UACJ,
 Central de Abastos
 Asociacion Alias AC.
 Rotary Clubs.

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.

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 -

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
Distrto 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
Distrto 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)

FOLDER: EJECUTIVA

(1 FILES)

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