

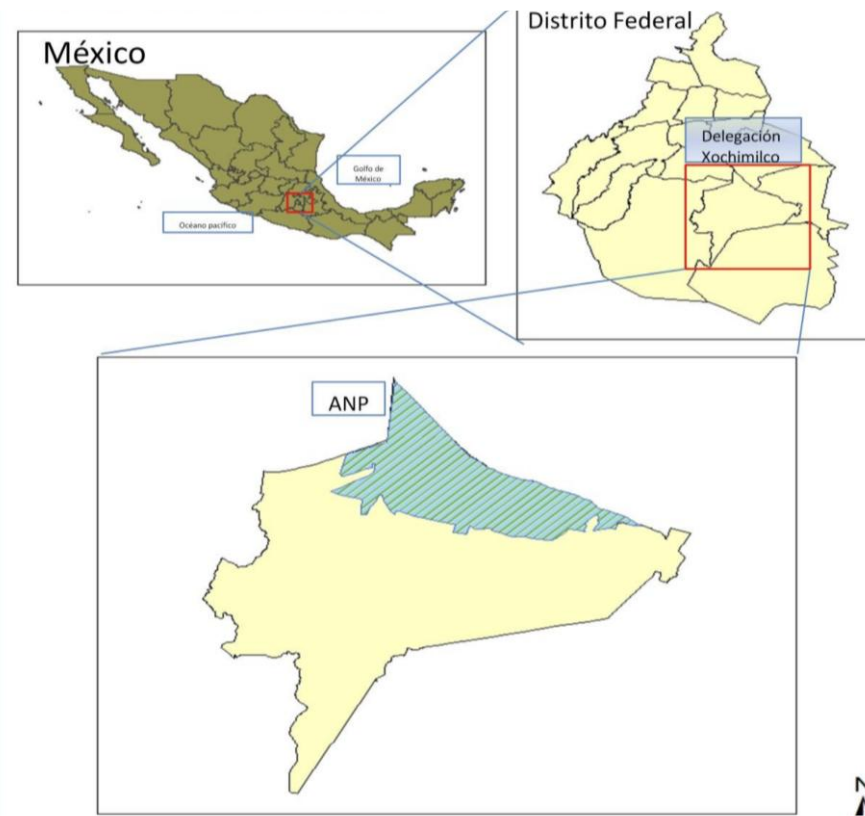


# **Project: Chinampa Maestra – Cultivating climate resilience**

**Rotary Club: San Rafael**



# Context



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**Xochimilco's Chinampas are a World's Natural,  
Cultural and Agricultural Heritage Site**

1986 – Historic Monuments Zone (MX Gov.)

1987 – World Heritage Site (UNESCO)

1992 – Natural Protected Area (MX Gov.)

2000 – Conservation Land (MX City Gov.)

2004 – Ramsar Site (Ramsar Convention)

2017 – GIAHS (FAO)





# Relevance and Impact

The chinampa wetland is home of **979 species**: **11% of the national biodiversity**, **2% of the world's biodiversity**. [🔗](#)

**1 ha (2.5 Ac)** of productive chinampas can capture **113 tons CO<sub>2</sub> y<sup>-1</sup>** [🔗](#)

The ecosystem as a whole mitigates the **city's average temperature** by up to **2.5°C**. [🔗](#)

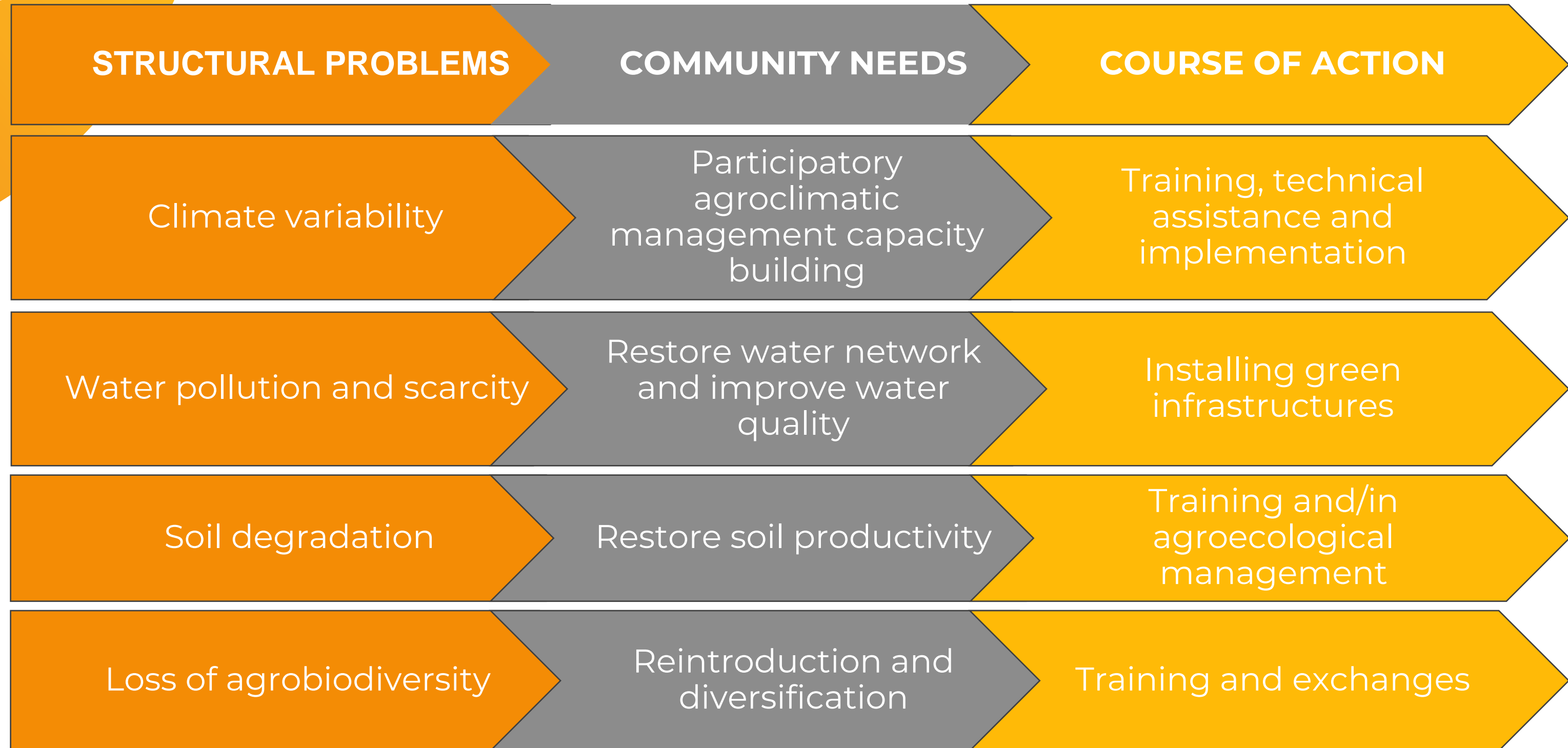
The **120-hectare** network of **canals** has a regulation volume of **1.8 million m<sup>3</sup>**. [🔗](#)

The ecosystem service of **water storage and retention** has been valued at **\$ 4.82 billion MXN annually**. [🔗](#)

12,500 chinampa farmers produce 40,000 tons of food per year on 30,348 hectares in 20,000 chinampas (FAO & SADER) [🔗](#)



# Community Needs



*Sources: interviews to farmers and community leaders, field surveys, community assemblies, Indigenous Farmer School, field observation and visits*



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# Area of focus

Environment



Action Environment Goal 5. Resilience & Adaptation



Strengthening the resilience of ecosystems and communities affected by climate change and climate disruption.



Community capacity  
building and  
engagement



# Project description

## “CHINAMPA MAESTRA”

**Concept:** Agroecological learning ecosystem anchored in a living demonstration chinampa.

**Function:** Hub for hands-on learning, knowledge exchange, and peer-to-peer replication of agroecological practices.

**Goal:** strengthen local adaptive capacities by consolidating a community of practice that regenerates and sustains the chinampa system.





# Project's Key components

- 1. Infrastructure:** ecotechnologies, green infrastructure.
- 2. Agroecosystem management:** soil, water, crops and vegetation.
- 3. Equipment:** Shared tool stock.
- 4. Education:** 500 people trained/year (operative goal).



# Beneficiaries per year

## Direct beneficiaries:

**80** Chinampera Families (~320 people)

**500** local people (students) per year.

## Indirect beneficiaries :

1200 external trainees and visitors per year





# Expected impacts

- Quantitative improvement in agroecosystem dynamics, agrobiodiversity, soil and water.
- Strengthened community climate adaptive capacities.
- Sociocultural dynamization.
- Active collaboration network.



# Sustainability

- Community-based and -oriented training program co-designed with farmers.
- Building financial sustainability capacities.
- Engagement with public institutions to assist funding, implementation, documentation and policymaking.
- Iniciativa Agroecológica Xochimilco (IAX), A.C. as project co-operator and community liaison.
- World's Monuments Fund (WMF) "Cultivating Resilience" Program.
- RC San Rafael will soon subscribe to  

# Budget

CONCEPT	TOTAL USD
Infrastructure (educational palapa; dry toilets, educational signage)	10,295
Agricultural and Operational Equipment	28,130
Agroecological Systems and Productive Restoration	12,760
Educational, creative and Laboratory materials; tests and monitoring	7,395
<b>TOTAL AMOUNT</b>	<b>58,580*</b>

\* 16% Tax (IVA) included

# Funding USD

No de solicitud de la subvencion global --  
País en el que se llevará a cabo el proyecto **México**

	FDD (USD)	Efectivo remitido al proyecto (Equiv USD)	Efectivo a través de LFR (Equiv USD)				
			Efectivo del proyecto	5%	Total a LFR		
<b>1. Clubes / Distritos patrocinadores locales</b>							
DDF District 4170	\$ 7,000	\$ -	\$ -	\$ -	\$ -		
CR San Rafael	\$ -	\$ -	\$ 8,004	\$ -	\$ -		
Other Clubs							
Total de contribuciones de los patrocinadores locales	\$ 7,000		\$ 8,004			\$ 15,004	42%
<b>2. Clubes / Distritos patrocinadores internacionales</b>							
Rotary Clubs International	\$ 5,098	\$ -	\$ -	\$ -	\$ -		
District International	\$ 16,000	\$ -	\$ -	\$ -	\$ -		
Total de contribuciones de los patrocinadores Internacionales	\$ 21,098	\$ -	\$ -	\$ -	\$ -	\$ 21,098	<b>58%</b> <sup>1</sup>
	\$ 28,098	\$ -	\$ 8,004	Total de contribuciones de los rotarios	\$ 36,102		100%
<b>3. Contrapartida del Fondo Mundial LFR</b> (80% del FDD)	<b>\$ 22,478</b>			Contrapartida del Fondo Mundial:	\$ 22,478		<sup>2</sup>
<b>4. Fondo de dotación / Donación dirigida #</b>			\$ -	(5% NA)			
<b>5. Fondos designados por los donantes de la Fundacion Rotaria</b>			\$ -	(5% NA)			
			<b>Total de financiamiento de la subvención global</b>			<b>\$ 58,580</b>	<sup>3</sup>
<b>6. Otros donantes</b> (sin fondos de contrapartida)		\$ -	\$ -	\$ -	\$ -		
			<b>Total de financiamiento del proyecto</b> (debe ser igual al presupuesto)			<b>\$ 58,580</b>	<sup>4</sup>

**Asegúrate de que todas las cifras sean números enteros**

1 Las contribuciones de los patrocinadores internacionales deben ascender como mínimo al 15 %.

2 (80 % del FDD, 0 % del efectivo) No hay un monto mínimo para los fondos de contrapartida del Fondo Mundial. El monto máximo de la contrapartida con cargo al Fondo Mundial es de USD 400 000.

3 El total de financiamiento debe ser de al menos USD 30 000.

4 Identifica las fuentes de financiamiento adicional.

Las contribuciones ajenas a Rotary no podrán proceder de organizaciones colaboradoras ni de los beneficiarios del proyecto.

Las contribuciones realizadas por rotarios individuales deben ingresarse bajo el nombre de su club.



# Project Contact

Irma Patricia García Castro



**+52 55 2113 1320**



**ipgc58@gmail.com**

**info@clubrotariosanrafael.org**

