



## Who's Who in One Health

# Bios Participación Política y Desarrollo A.C



<https://www.biospolitica.org/>

### 1. Organization/ Group Name

Bios Participación Política y Desarrollo A.C (Civil Association)

### 2. Description and Scope of One Health Activities

We are a Mexican organization that contributes to sustainable development by implementing social projects and influencing public policies. We are interested in developing social projects related to the environment and citizen participation as a mechanism to influence public decision-making. Likewise, in collaboration with other civil organizations and local governments, we seek the implementation of public policies that can help the welfare of the communities.

This year (2023) we implemented a project called Salud en Selva Maya (Health in Selva Maya). The objective of this project was to raise awareness, communicate, and educate communities in the Selva Maya (Belize, Guatemala, and México) region about the prevention of infectious diseases associated with zoonoses and vector-borne disease. One of our main frameworks for project implementation was the One Health concept.

Please be so kind as to check our main results at the following link.

[https://drive.google.com/file/d/1ds5Ruuxr\\_U3k4y90syNC\\_5h7ov0-7\\_3q/view?usp=sharing](https://drive.google.com/file/d/1ds5Ruuxr_U3k4y90syNC_5h7ov0-7_3q/view?usp=sharing)

### 3. Key Collaborators and Participants

Telephone, and if they agree to share contact information on this posting in case One Health stakeholders want to contact them)

The organization's main collaborators are:

**Manuel Polo**

Email: [manuel@biospolitica.org](mailto:manuel@biospolitica.org)

Whats app contact: +52 1 55 9194 1007

**Alfredo Méndez**

Email: [alfredo@biospolitica.org](mailto:alfredo@biospolitica.org)

Whats app contact: +52 1 987 118 1179

### 4. Type of Organization

We are a **Private, Non-Profit Organization**

### 5. Address of Organization/ Group

Miguel Hidalgo 119. Col Santa María Tepepan, Xochimilco, CP 16020  
Ciudad de México, México

### 6. Contact(s) *(with check box to agree to share)*

**Alfredo Méndez**

Email: [alfredo@biospolitica.org](mailto:alfredo@biospolitica.org)

Whats app contact: +52 1 987 118 1179

**We agree to share contact information on the One Health Commission website.**

### 7. Sources of funding for Organization/Group

The project Salud in Selva was financed by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, specifically by the project Strengthening of Strategic and Operational Cooperation for the Protection of the “Selva Maya” of the Selva Maya Program and commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ).

### 8. Organization/Group Website Address

During the development of the project we could share our results on the following website:

<https://www.biospolitica.org/>

However, our specific project page is under construction, but you can see some of the most important results of the project implementation in the attached ppt.

## 9. One Health Course/Certificate/Training Offered by an Organization or Group

Our main collaborators have had the pleasure of participating in the following conferences and different groups interested in the work of One Health.

### Congresos internacionales:

- **Ecuador:** Congreso Internacional de Ecuador Quito. Una Salud.
- **Colombia:** 1er. Congreso Latinoamericano One Health & One Welfare se reunieron los representantes de la Red One Health Latinoamerica, Ibero y el Caribe [#OHLAIC](#)

## 10. Other One Health Activities/Initiatives

During the implementation of the project, different activities were developed that had the objective of raising awareness, educating and communicating about the prevention of zoonotic diseases, but taking the One Health approach as a context.

During the development of the project we achieved the following primary activities:

1. Carry out a diagnosis where, through public information and requests for information from governments, we could know which are the main zoonotic and vector diseases that affect the communities near the Mayan Forest region. Likewise, our interest was the review of public programs and policies in educational and health sectors by the government that promote the prevention of zoonotic and vector-borne diseases, in addition to the promotion of the One Health concept. The results obtained were that at the government level, few programs comprehensively recognize the interdependence between animal, human, and environmental health.
2. A second activity was to convene specialists from the human health, animal health, environmental health, and education sectors of the governments of the three countries (Mexico, Belize, and Guatemala) to learn about the prevention strategies for zoonotic and vector-borne diseases and have an exchange of experiences that would allow each one of the countries incorporate locally in its corresponding country. The tri-national meetings were focused on:
  - Zoonotic, vector disease prevention strategies and One Health concept Educational strategies on the prevention of zoonotic and vector diseases and the concept of One Health at the curricular level.
  - Transparency of information for the intervention of social projects
  - Communication strategies.
3. A third activity was the generation of teaching materials that would allow community leaders, health sector personnel, and teachers to be trained on the importance of prevention of zoonotic and vector diseases and the concept of One Health. In total 28 communication materials were generated.
4. The fourth activity, one of the most important in the execution of the project, was the implementation of training in the health, educational, and community leaders sectors.

The trainings were focused on three main themes:

- 1) Tools for education aimed at the educational sector,
- 2) Communication strategies aimed at the health sector and
- 3) Prevention measures.

In total, they were implemented:

**46** training sessions.

**61** community leaders

**134** people from the health sector

**419** teachers

## 11. Brief History of Your Organization's One Health Involvement

Bios was formed by four students from the Faculty of Political and Social Sciences, interested in putting into practice the knowledge acquired, especially focusing on issues of impact on public policies on issues of sustainable development and citizen participation. Throughout the history of the organization, they have had contact with Non-Governmental organizations, local government decision-makers, academia and personnel specialized in different topics to generate dialogue that can solve problems in a comprehensive way. One of the main interests of the organization is to be able to implement public policies at the municipal level on One Health issues.



## Our projects



Citizen eye on tourism (Funded by United States Agency International Development, USAID)

Participation mechanisms (Funded by GIZ German Cooperation)

Transparent performance Cozumel (Funded by Global Integrity Data, Learning & Action for Open Governance)

Health in Selva Maya (Funded by GIZ German Cooperation)

Young people for education (Supported by the Swiss Embassy in Mexico)

## Get to know our project

### Health in Selva Maya



# INTRODUCTION

This project is being developed by Bios A.C with the help of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

We implement it using a two-pronged approach:

## ONE HEALTH

It is an approach to designing and implementing programmes, policies, legislation and research in which multiple sectors communicate and work together to achieve better public health outcomes (WHO, 2017). Recognizes the interdependence between animal, human and environmental health, taking into account that human actions affect the environment.

## ESCAZÚ AGREEMENT

This treaty promotes multilateralism in the Latin American and Caribbean region on issues related to the environment, sustainable development and the right to health and a healthy environment.

# OBJECTIVE

Raise awareness, communicate and educate at the community level - in the Mayan Forest region - for the prevention of infectious diseases associated with zoonoses and vectors.

## FOCUS AREA

- Belize
- Guatemala- Department of Petén
- Mexico- Municipality of Calakmul, Campeche and Municipality of Othón P. Blanco, Quintana Roo





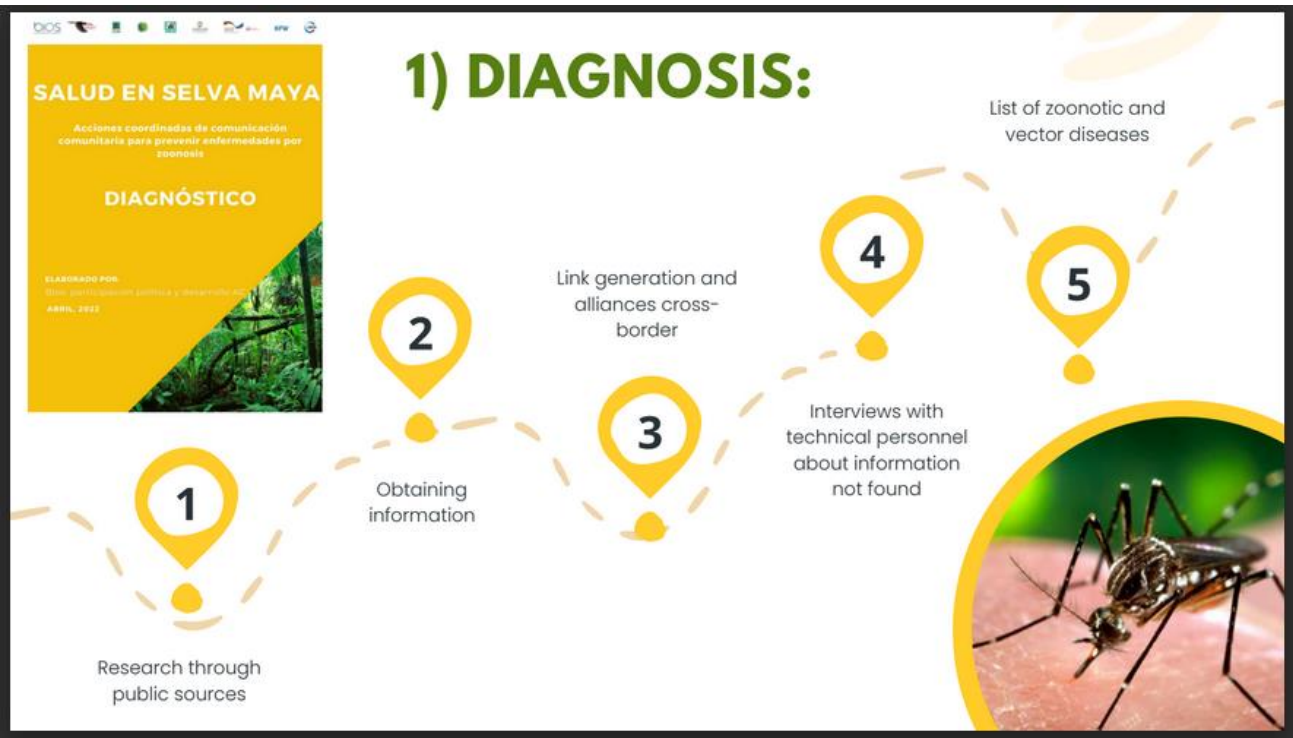
# ALLIANCES

The following logos are displayed in the Alliances section:

- GOBIERNO DE GUATEMALA (multiple instances)
- MINISTERIO DE AGRICULTURA, GANADERÍA Y ALIMENTACIÓN
- SECRETARÍA DE EDUCACIÓN DE QUINTANA ROO (SEQ)
- SERVICIOS ESTATALES DE SALUD (SESA)
- SECRETARÍA DE DESARROLLO AGROPECUARIO RURAL Y PESCA (SEDARPE)
- SECRETARÍA DE EDUCACIÓN DEL ESTADO DE CAMPECHE (SEDOC)
- SECRETARÍA DE EDUCACIÓN DEL ESTADO DE CAMPECHE (SEMABIOCE)
- MINISTERIO DE SALUD PÚBLICA Y ASISTENCIA SOCIAL
- MINISTERIO DE EDUCACIÓN
- DIF CERCA DE TI CALAKMUL
- COTAIEC
- daip Quintana Roo
- PlusTV
- MINISTRY OF ECONOMIC DEVELOPMENT
- CSFI
- CONAP
- FONDO PARA La Paz
- Save the Children
- CONANP
- PAHO
- UUVG
- AGAG
- WCS
- UAC
- RED MEXICANA DE PERIODISTAS AMBIENTALES



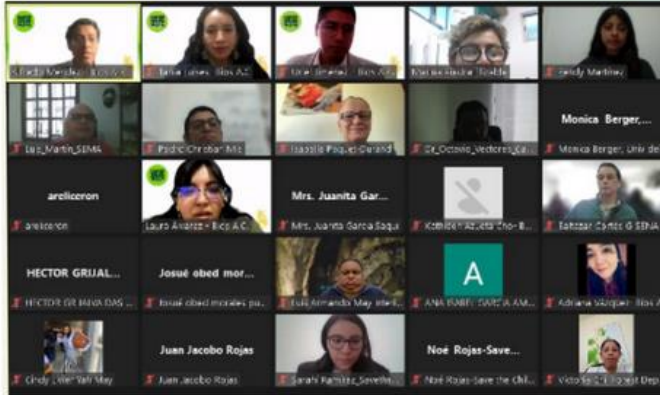
# We present our results



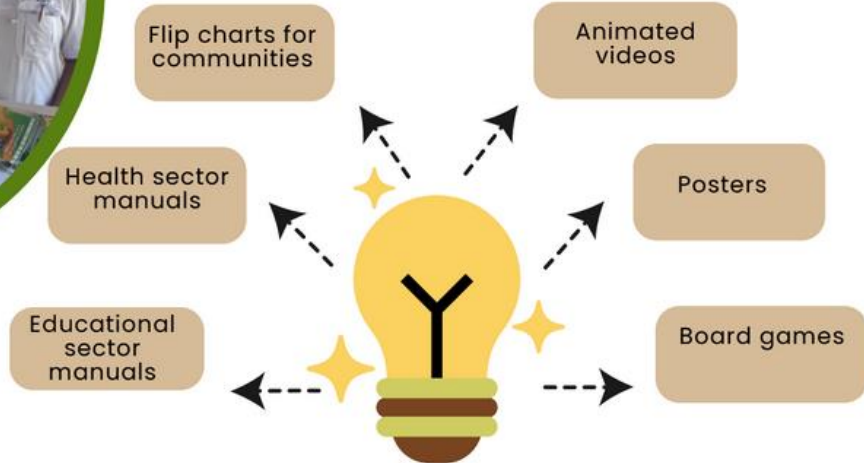


## 2) Trinulation encounters

Among organizations, government, and academies, prevention strategies for zoonotic and vector diseases and prevention plans were announced, as well as communication strategies and generation of transnational alliances.



## GENERATION OF COMMUNICATION MATERIALS



All materials were made in Spanish and English

## Structure of the educational manual for teachers and students



**I already knew.** We return to previous knowledge



**Apprentices in action.** We propose activities to be carried out in the manual



**How it is said and done in my community.** We propose to share daily activities related to the topic.



**Informative capsule.** Here you will find information, useful to solve the activities of each lesson.



**Now I know.** Review of the skills and knowledge you have learned in the lesson.

MANUAL FOR TEACHERS



EDUCATIONAL MANUAL



## Flip charts for field work





Didactic material  
for students so they  
can learn while  
having fun



# Learn about some of our training materials



The educational manual "Salud en Selva Maya"

## Posters



**SALUD EN SELVA MAYA**

### HAVE YOU EVER WONDERED WHY FARM ANIMALS AND DOGS SHOULD BE VACCINATED?

IF ANIMALS ARE NOT IN GOOD HEALTH, THEY CAN TRANSMIT ZOOPTIC DISEASES SUCH AS BABESIS.

Department of Animal Health is working together with the Department of Health of the Ministry of Health to carry out rabies vaccination campaigns, a Rampire Bat Education and Control Program that aims to control the spread of rabies transmitted by vampire bats in Guatemala.

**WE WANT TO BE FREE OF INFECTIOUS DISEASES. TAKE CARE OF ANIMALS FOR THE GOOD OF OUR HEALTH.**

[www.saludenselmaya.org](http://www.saludenselmaya.org)

**SALUD EN SELVA MAYA**

### HAVE YOU WASHED YOUR HANDS YET?

Here are some tips:

<b>ROUTINE:</b>	<b>AFTER...</b>
RINSE	...CROUCHING OR SNEEZING.
LATHER	...TOUCHING AN ANIMAL.
RUB	...TREATING A WOUND.
RINSE AGAIN	...TRAVELING IN PUBLIC TRANSPORT.
AND DRY	...MAKING CONTACT WITH MONEY.

**DON'T FORGET BEFORE AND AFTER EATING AND GOING TO THE BATHROOM.**

**REMEMBER...**  
BACTERIA AND VIRUSES CAN BE PRESENT ON ALL SURFACES, IT IS BETTER TO PREVENT INFECTION AND TAKE CARE OF YOUR HEALTH.

**TAKE CARE OF YOURSELF AND EAT HEALTHY.**

[www.saludenselmaya.org](http://www.saludenselmaya.org)

**SALUD EN SELVA MAYA**

### FARM ANIMALS DESERVE RESPECT

Do you know how to take care of them?

HERE ARE SOME IMPORTANT FACTS:  
In 1965, the World Organization for Animal Health (OIEAH) determined

**FIVE FREEDOMS**  
that animals should have.

THEY ARE AS FOLLOWS:

- Freedom from HUNGER, THIRST, AND MALNUTRITION.
- Freedom from FEAR AND DISTRESS.
- Freedom from HEAT STRESS OR PHYSICAL DISCOMFORT.
- Freedom from PAIN, INJURY, AND DISEASE.
- Freedom to EXPRESS NORMAL PATTERNS OF BEHAVIOR.

[www.saludenselmaya.org](http://www.saludenselmaya.org)

# TRAINING



## BELICE

**13** Communities visited  
**256** Educational sector personnel  
**45** Health sector personnel  
**11** Community leaders



## GUATEMALA

**11** Communities visited  
**43** Educational sector personnel  
**59** Health sector personnel  
**45** Community leaders



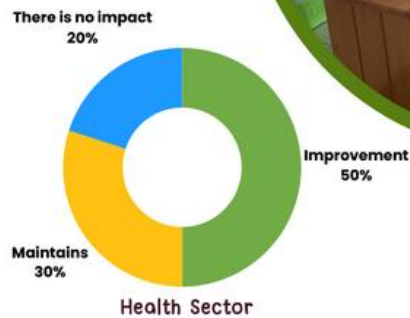
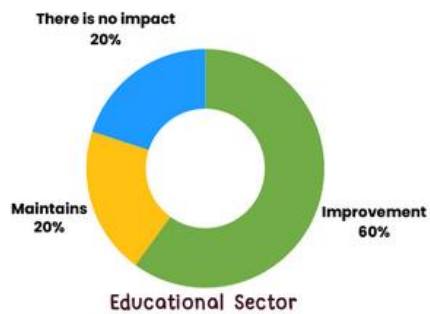
## MÉXICO

**16** Communities visited  
**120** Educational sector personnel  
**30** Health sector personnel  
**5** Community leaders

## TRAINING IMPACT EVALUATION

Changes through training:

### a) Impact on knowledge.

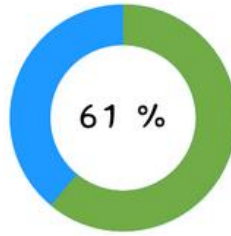


## TRAINING IMPACT EVALUATION

Changes through training:

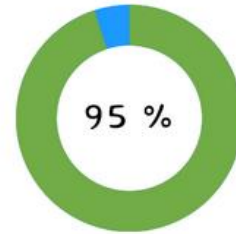


b) Impact on access

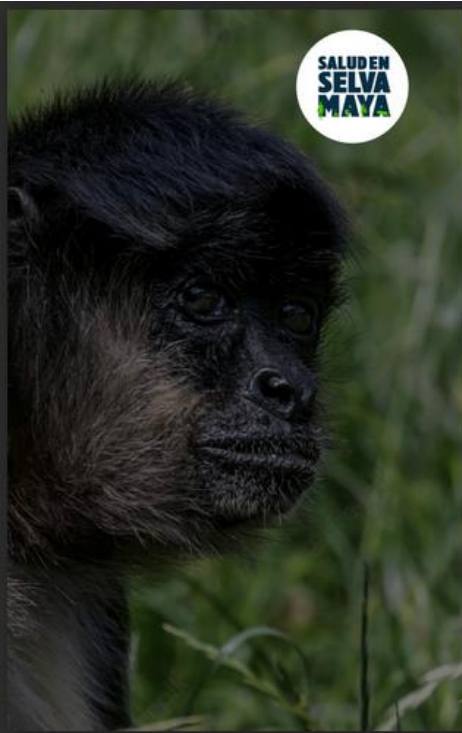


61% of those trained mentioned not having dissemination material prior to the intervention, so this project would be supporting 368 people with materials to replicate information.

c) Impact on magnitude



95% of those attending the training mentioned have tools to replicate information given in these talks. With this, we would reach 24,642 people who could receive this information.



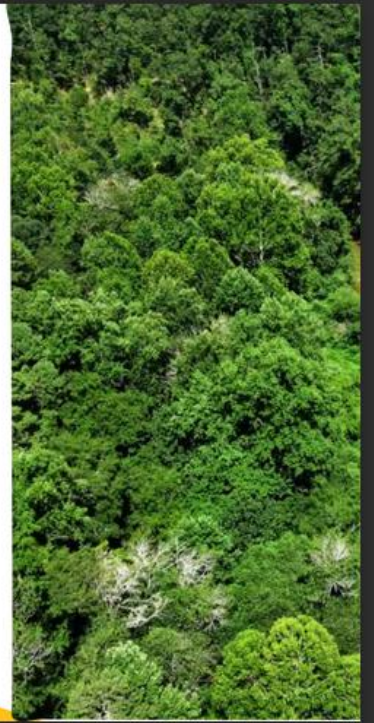
## FINAL RESULTS

- ✓ 01 DIAGNOSIS
- ✓ 03 TRINATIONAL MEETINGS
- ✓ 28 COMMUNICATIVE MATERIALS
- ✓ 38 COMMUNITIES COVERED
- ✓ 45 TRAINING SESSIONS
- ✓ 61 TRAINED COMMUNITY LEADERS
- ✓ 134 PEOPLE FROM THE HEALTH SECTOR TRAINED
- ✓ 419 TRAINED TEACHERS
- ✓ 01 IMPACT EVALUATION



## Where are we going

- Expand to more schools, if possible.
- Strengthen links with the population and areas to reach more spaces.
- Raise awareness by showing real cases and disseminating more information about specific diseases.
- Generate interactive games for greater attention from children.
- Acquire public address equipment and greater dissemination in local media (radio).
- Integrate personnel from agricultural areas.
- Creation of municipalities and implementation of public policy with One Health approach



## Contact us



BIOSPPyD



BIOS\_AC



bios\_ac



contacto@biospolitica.org



www.biospolitica.org





**MANY THANK YOU!**