

# National Strategy for the Conservation and Sustainable Use of Pollinators

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**Promote Pollinators**



**AGRICULTURA**

SECRETARÍA DE AGRICULTURA Y DESARROLLO RURAL



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# Background: pollinators in México

- ✓ **In Mexico, the production of 88% of the 130 species whose fruits or seeds are eaten, depends on pollinators** (beans, mangos, chili, coffee, tomatoes, pumpkins, squash, papayas, sunflowers, sweet potatoes, strawberries, apples, yucca, potatoes, almonds, cranberries, cucumbers, onions, etc.)
- ✓ **Of the 316 cultivated plants in Mexico, 236 are used as food: the fruits or seeds of 171 of them are consumed, and 85% of those depend at some extent on pollinators.**
- ✓ **Bats: 140 species (11% of world's total)**
- ✓ **Hummingbirds: 57 species (16% of world's total)**
- ✓ **Butterflies and moths: 1,800 species (10% of world's total)**
- ✓ **Beetles: 35,500 species (10% of world's total)**
- ✓ **Bees, wasps and ants: 6,313 species (3% of world's total)**





# General Objective

## Estrategia Nacional para la Conservación y Uso Sustentable de los Polinizadores (ENCUSP)



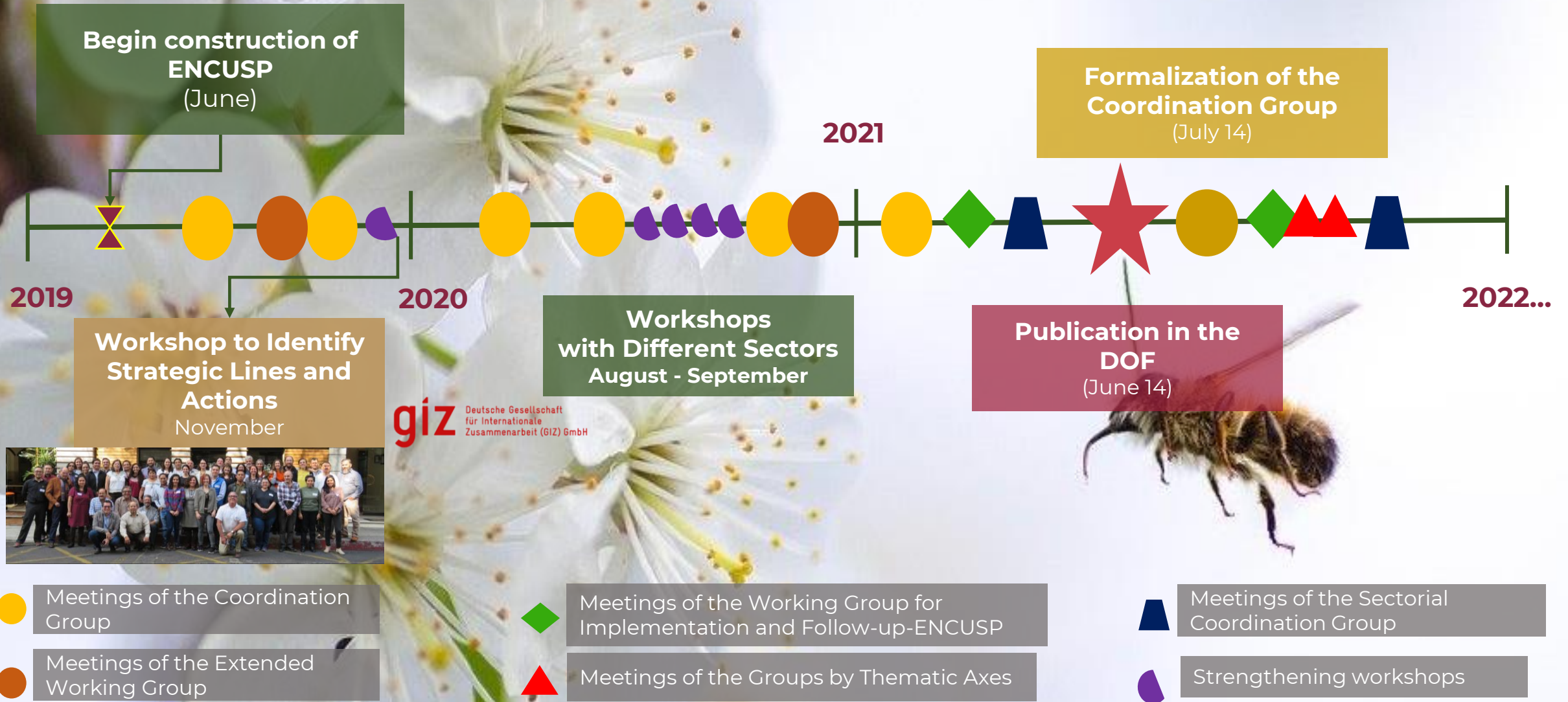
## Diagnóstico. Situación actual de los polinizadores en México



**Guide the policies and work** of the  
productive and environmental  
sectors in relation to the  
**conservation of ecosystem services  
provided by pollinators**, in order to  
contribute to Mexico's **sustainable  
development and food security**.



# ENCUSP Construction Process



# Working Groups



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CG-ENCUSP

Coordination Group for ENCUSP

GTISE

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SECRETARÍA DE AGRICULTURA Y DESARROLLO RURAL



**EDUCACIÓN**  
SECRETARÍA DE EDUCACIÓN PÚBLICA



**MEDIO  
AMBIENTE**  
SECRETARÍA DE MEDIO AMBIENTE  
Y RECURSOS NATURALES



 **SENASICA**  
SERVICIO NACIONAL DE SANIDAD,  
INOCUIDAD Y CALIDAD  
AGROALIMENTARIA

 **Colegio de  
Postgraduados**

 **CONABIO**  
COMISIÓN NACIONAL PARA  
EL CONOCIMIENTO Y USO  
DE LA BIODIVERSIDAD

 **COMISION NACIONAL DE  
ÁREAS NATURALES  
PROTEGIDAS**

Coordinators of  
Thematic Axes



# Working Groups



CG-ENCUSP

GTISE

Working Group for the Implementation and Follow-up of ENCUSP



# Working Groups

GTISE

Coordinators of  
Thematic Axes

Coordination Group to follow up on the Thematic Axes,  
Strategic Lines and Actions of the ENCUSP

Axis 1

Scientific and  
Technological Knowledge

Axis 2

Traditional Knowledge and  
Exchange of Experiences and  
know-how

Axis 3

Social Participation and  
Education

Axis 4

Legal standards and  
regulations

**inifap**  
Instituto Nacional de Investigaciones  
Forestales, Agrícolas y Pecuarias

**CONABIO**  
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# Working Groups



## Coordinators of Thematic Axes

Coordination Group to follow up on the implementation of Thematic Axes, Strategic Lines and Actions of the ENCUSP

### Axis 5

Planning and Budgeting Instruments



### Axis 6

Values of Pollinators and their Habitats



### Axis 7

Landscape, Connectivity and Biocultural Features



### Axis 8

Fostering Sustainable and Biodiversity-Friendly Production





# ENCUSP ESTRUCTURE

**8**  
**THEMATIC**  
**AXES**

**34**  
**SPECIFIC**  
**OBJECTIVES**

**16**  
**STRATEGIC**  
**LINES**

**86**  
**SPECIFIC**  
**ACTIONS**

**57**  
**IDENTIFIED**  
**MONITORING**  
**VARIABLES**

# Pollinator Protection



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68%

Strategic Lines have a **direct impact** on the protection of pollinators

1.2. Strengthen the generation of scientific and technological knowledge for the conservation of pollinators and their sustainable use.

3.1. Promote strategic programs to encourage the conservation and use of pollinators.

4.2. Promote Community surveillance in coordination with authorities.

5.2. Strengthen public policies and budgetary programs related to pollinators.



7.1. Promote an integrated landscape management approach, including connectivity and biocultural aspects, for pollinator conservation.

8.1. Promote and encourage practices for conservation and sustainable use of biodiversity for the benefit of pollinator populations.

# ENCUSP - 2030 AGENDA



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## National Strategy for the Implementation of the 2030 Agenda

### ODS 2

...achieve food security, improve nutrition and **promote sustainable agriculture.**

### ODS 15

Protect, restore and promote the use of terrestrial ecosystems  
sustainable forest management  
combating desertification  
**halt and reverse land degradation and halt biodiversity loss.**



# ENCUSP – next steps



## Actions:

- Identify, through **participatory processes**, the most appropriate schemes for **monitoring pollinator populations** at the local and regional levels.
- Develop **regional catalogs of floral resources** for the various groups of pollinators.
- Equip and **train local communities to use monitoring tools** (eg. Naturalist, identification guides, courses and workshops).
- Carry out censuses and **periodic surveys in areas of interest** (eg. protected areas, primary sector).
- Establish pilot **areas for monitoring and analysis** of the **impact of pollinators** and their **value on agricultural production**.
- Promote **alliances with universities** (including intercultural ones) that support monitoring activities at the local and regional levels.
- Identify and **involve key actors and stakeholders** (beekeepers, IPLC, private sector) for contributing to the implementation of the ENCUSP .



# THANK YOU

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