

# Sharing experiences: Overcoming barriers and sustainably building capacity

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**GOBIERNO DE  
MÉXICO**

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

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# Background



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- Climate change policy is placed and based on the General Law on Climate Change.
- Mexico has submitted six national communications and two BUR until 2018.
- At 2019 launched the Regulation for the pilot phase for the Mexican Emission Trading System (official phase will start on 2022)
- Adaptation policies are key elements for the national development, specially for this government
- Cobenefits among climate change and sustainable development are priorities for the current administration

# National GHG Inventory



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## Context

- Mexico needs more and **better information** about GHG and BC emissions in order to support public policies against climate change
- Accurate information from **sectors** and **activities** is fundamental to have better calculations and estimations for decision making
- Mexico NDC updating **requires** robust, accurate and reliable **data**.

## Barrier

- **To migrate** from 1996 to 2006 IPCC methodologies in all sectors of interest and to gather specific information in each sector to support the usage of new methodologies

# National GHG Inventory



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## Alternatives and results

- Mandate for national inventories is **established by law**
- There is an **specific institution** in charge of the elaboration of the inventory
- Specific staff from INECC was **capacitated** in 2006 IPCC methodologies.
- Having **international support** (technical and financial) was fundamental to achieve the updating
- Despite international support, the **capacities built are in house** (INECC), avoiding having external consultants
- It was strengthened the interaction with counterparts (f.i. Sader, Sener, INEGI, Conafor, among others) by workshops, meetings, sharing documents and mid/high level agreements.



# Subnational GHG Inventory



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## **Context**

- Statal governments are concerned about their contributions to the NDC
- Climate change policies at subnational level are different, depending on their capacities, resources and political will
- Statal GHG inventories are heterogenic (methodologies, base line, sectors and information)

## **Barrier**

- Weakness or lack of capacities at local level to estimate emissions, to identify specificities in sectors and to gather information for calculations

# Subnational GHG Inventory



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## Alternatives and results

- Design and implementation of **online course** "Capacity building for statal governments"
  - ✓ Using infrastructure of the National Institute for the Federalism and IMunicipal Development (INAFED) was possible to reach a wide range of municipalities
  - ✓ For the first phase two topics were covered:
    - **GHG inventories:** 318 participants (49 from statal governments, 74 from municipalities, 2 federal employees, 10 NGO, 53 from academia, 6 foreing and 120 from other sectors).
    - **Mitigation actions:** 151 participants (9 federal employees, 18 statal representatives, 41 from municipalities, 6 from NGO, 16 from academia, 1 foreign and 60 from other sectors).
  - ✓ All material used is based on IPCC methodologies (Vol. 1 General orientations)



CURSO ONLINE:  
INVENTARIOS DE EMISIONES DE GASES Y COMPUESTOS DE EFECTO INVERNADERO  
MÓDULO INTRODUCTORIO.  
"ORIENTACIÓN GENERAL Y GENERACIÓN DE INFORMES DE LAS DIRECTRICES DEL IPCC 2006 PARA LOS INVENTARIOS DE GASES DE EFECTO INVERNADERO"  
**¡ INSCRÍBETE !**

Logos of participating organizations: SEGOB, SEMARNAT, INECC, SEP, INAFED.

# SIAT-NDC



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## **Context**

- General Law on Climate Change modifications involved the adoption of Paris Agreement elements, including NDC goals, NAP and transparency (among others)
- Mexico receives an important amount of resources from outside to design, implement and evaluate its climate change policy.
- To increase ambition of the NDC, it will be necessary to identify and measure what is happening, for instance, at subnational level

## **Barrier**

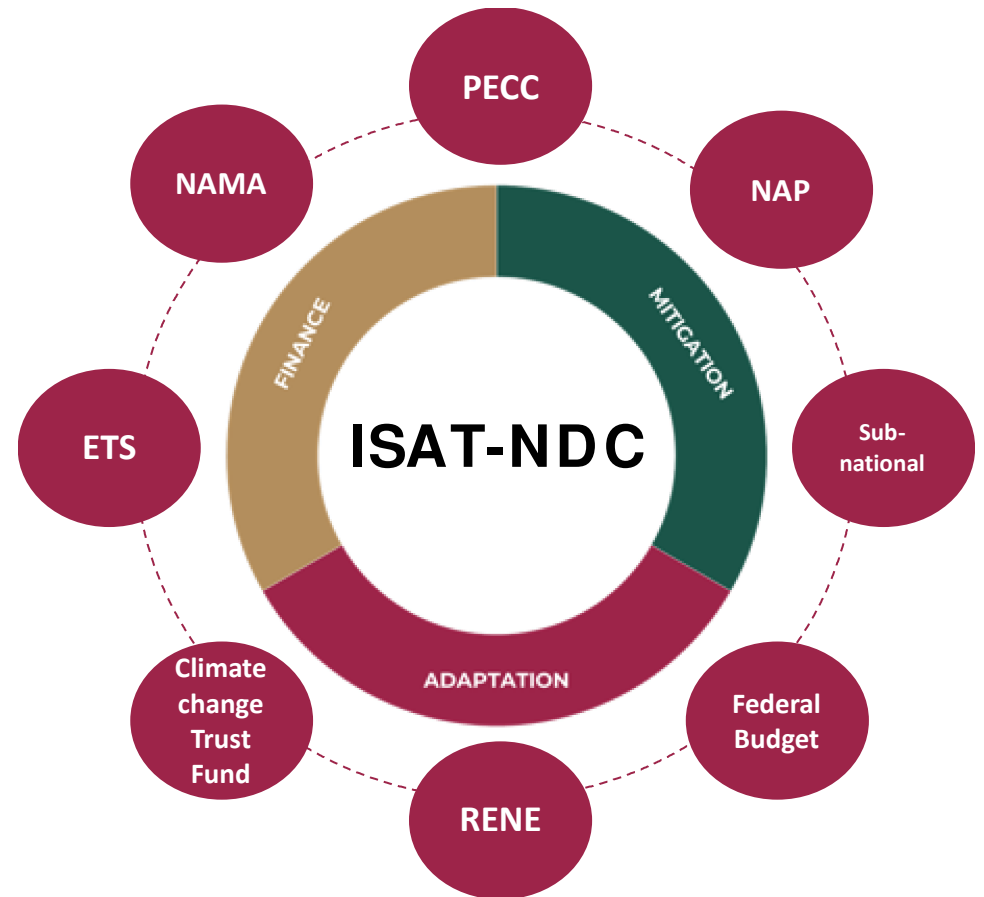
- Tracking mitigation, adaptación and financing initiatives, actions and projects in order to identify its contribution to the NDC





## Alternatives and results

- Design and implementation of the SIAT-NDC (Informatic System for Action Transparency, component NDC) as a system that compiles specific data and information from mitigation, adaptation and financing initiatives, projects and actions that could contribute to NDC fulfillment
- The system will integrate MRV and M&E processes and methodologies that facilitate the register of climate change actions from several sources, such as the subnational level.
- CBIT and ICAT are supporting this initiative.



# Challenges



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- Activity data collection
- To establish or strengthen communication mechanisms to communicate and coordinate information fluxes
- Continue and strengthen online courses
- Capacity building at subnational level (statal and municipalities)
- Adaptation policies and measures
- Measure impacts (links between financial resources and CO<sub>2</sub> mitigation)

# Thank you

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