

# Fourth Global Expert Forum for Producers and Users of Disaster Related Statistics



## MEXICO EXPERIENCE Integration of the National Set of Indicators on Climate Change and disasters (CONICC)



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# Introduction



The Paris Agreement calls on national governments to improve climate change education, training, public awareness, participation and public access to information, recognizing the importance of these measures in achieving global climate goals. International agreements and discussions have put the need for increasingly accurate and timely data on the table.



In Mexico, since 2009, within the framework of the National System of Statistical and Geographic Information (SNIEG), the **Specialized Technical Committee on Climate Change, Emissions and Waste Information** was created (updated in 2021), which is chaired by the National Institute of Climate Change (INECC) and its members are representatives of the government institutions responsible for these issues.

# Background



Declaration as Information of National Interest of the Report on Consumption of Ozone Depleting Substances in 2013 and the National Inventory of Greenhouse Gas and Compound Emissions (INEGYCEI) in 2014 stand out, as well as the incorporation of 6 indicators related to greenhouse gases, 5 on pollutants according to criteria in the National Catalog of Indicators.-



- The Law on Climate Change establishes the creation of a Climate Change Information System whose coordination is in charge of INEGI, as coordinator of the SNIEG, jointly with all the agencies related to the subject. Thus, in 2015, within the framework of the COP 21 in Paris, the first version of this Information System (SICC) was presented there.

# Background

Within the framework of the SNIEG's **Specialized Technical Committee on Climate Change Information**, in 2023 the Working Group on Climate Change Indicators was formed, made up of specialists from INEGI, SEMARNAT, INECC (CONICC – National set indicators CC).

- It is proposed to integrate an instrument that contributes to the monitoring, follow-up and evaluation of public climate policies, as well as to lay the foundations for the planning, design of strategies and actions that will allow Mexico to comply with the commitments it has acquired.



# Conceptual Framework CONICC

SNEG



Based on the modification of the scheme DPSIR  
(*Driving Forces-Pressures-State-Impacts-Response*);



Indicators with environmental, sector and policy  
orientation;



Subsets oriented to different purposes/publics  
(e.g., core, complementary, policy subset, etc.);



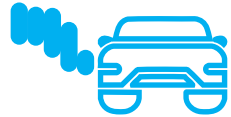
Subsets with variable permanence and spare  
parts, depending on their objectives and uses.

# Climate Change - Thematics



## Drivers

Indicators that monitor the dynamics of human activities that contribute to climate change, (agricultural and livestock activities) and those related to energy consumption and use, etc.



## Emissions

Indicators directly related to GHG emissions, economic activity, population dynamics, etc. Economic, population dynamics, etc.



## Impact

Indicators of the effects of climate change (atmospheric concentration of carbon dioxide or temperature increase), social (mortality, CC-related diseases), economic, environmental, health, etc. impacts.



## Vulnerability

Susceptibility of social (vulnerable population), economic and environmental systems to climate change.



## Mitigation

Indicators related to “responses”, actions or public policies focused on combating climate change.



## Adaptation

Indicators with actions or public policies focused on climate change adaptation, for example, coverage of natural protected areas, forests and mangroves, among others.

# Conceptual Framework **CONICC**



## NATIONAL INITIATIVES

- Information systems of the environmental sector.
- Information systems of other APF agencies.- National Catalog of Indicators (CNI-SNIEG)
- Sustainable Development Goals Information System (SIODS).
- Public policy programs
- Gender and Environment Indicators Workshop (INEGI - IUCN).

## INTERNATIONAL INICIATIVES

- UNECE-Climate Change (CES set CORE).
- UNECE-Disasters.-UNSD.
- UNSD - Global set of climate change indicators.
- ODS.
- Sendai FrameworkF

# Working Group Indicators Specialized Technical Committee on Climate Change, Emissions and Waste

Proposed indicators under review

Classification	TIER			TOTAL
	TIER 1	TIER 2	TIER 3	
Adaptation	12	45	20	77
Emissions	5	8	3	16
Drivers	6	18	2	26
Impact	8	51	15	74
Mitigation	5	9	5	19
Vulnerability	6	31	1	38
Disasters/Sendai	4	36	8	48
Género	3	19	0	22
<b>TOTAL</b>	<b>42</b>	<b>162</b>	<b>46</b>	<b>250</b>



# CONJUNTO NACIONAL DE INDICADORES RELACIONADOS AL CAMBIO CLIMÁTICO

TALLER PARA SU DEFINICIÓN

## 2024



CAMBIO CLIMÁTICO



TALLER **HACIA LA  
CONSTRUCCIÓN DE  
INDICADORES  
DE GÉNERO,  
MEDIO AMBIENTE Y  
CAMBIO CLIMÁTICO**

5 Y 6 DE SEPTIEMBRE AGUASCALIENTES, MÉXICO

2024







# NATIONAL SET OF CLIMATE CHANGE INDICATORS (CONICC) - IN PROGRESS

## OBJECTIVE

The National Set of Climate Change Indicators (CONICC) seeks to offer a broad perspective, in accordance with national priorities and interests, on the factors that promote climate change, the state of the phenomenon, its impacts on the climatic, social, economic and environmental systems, as well as the monitoring and evaluation of progress in the strategies to combat it.

# Outlook

- Development of indicators in accordance with the priorities of national institutions.
- Publication of the first National Set of Indicators on Climate Change in Mexico (in 2024).
- Development of a portal for dissemination of the CONICC (data hub) - dashboards, graphs, pivot tables, georeferencing.
- Thematic cross-cutting information sets. Incorporate gender perspective, oceans, disasters, health, education, poverty, etc.

# Thanks!



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