

Transport and Climate  
Change Week

#TransportWeek23

# National Strategy on Mobility and Road Safety

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**September 12, 2023**



**DESARROLLO TERRITORIAL**  
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TRANSPORT

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# Challenges of mobility in Mexico



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The **urban area** is growing at **three times** the rate of the **population growth** (ONU-Habitat, 2018).





## Challenges of mobility in Mexico



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The annual growth of the **vehicle fleet** was **4 times higher** than the **population** (INEGI,2022).



# Challenges of mobility in Mexico



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88% of public transport operates under the **“hombre-camión” scheme - individual concessions** (SEDATU, GIZ & BID, 2018).





## Challenges of mobility in Mexico



Motorcycles have grown from **1.3 to 5.9 million in the last 10 years**; an increase of **352 %** (INEGI, 2022).



# Challenges of mobility in Mexico



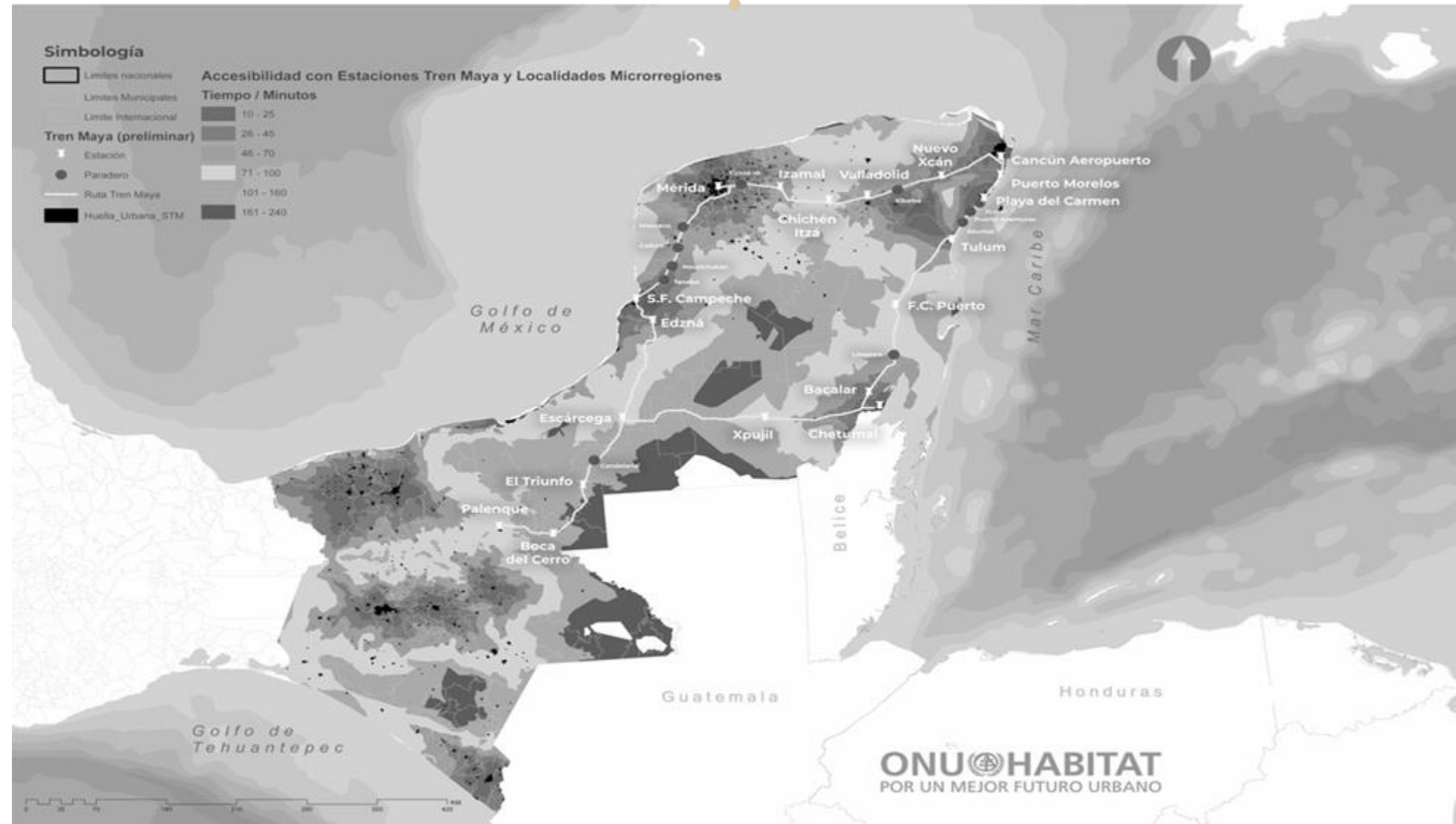
Public transport users spend **118 hours** by year at rush hours, compared to **71 hours** for **private vehicles** (IMCO, 2019).



# Challenges of mobility in Mexico



**6 out of 10** little cities  
(towns, villages and  
communities) have no  
**public transportation**  
(INEGI,2021).



## Challenges of mobility in Mexico



The **financial cost of road traffic accidents** in Mexico ranges between **1.8 and 3.5 % of GDP**, equivalent to between **17 and 34 billion euros** (Salud, 2022)





## Challenges of mobility in Mexico



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**60 % of the population** has witnessed acts of violence and sexual harassment on public transport; **72 % are women** (SEDATU e INMUJERES, 2022)



# Challenges of mobility in Mexico

**74%** of federal mobility resources have been earmarked to infrastructure for **private vehicles** and **21% to sustainable mobility** (SEDATU, 2018)





# Challenges of Road Safety

## Vehicle Development



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# 2022

## 55.2 millions

Registered  
vehicles on the road

## 429

Vehicles per 100  
thousand inhabitants

66 %



12 %



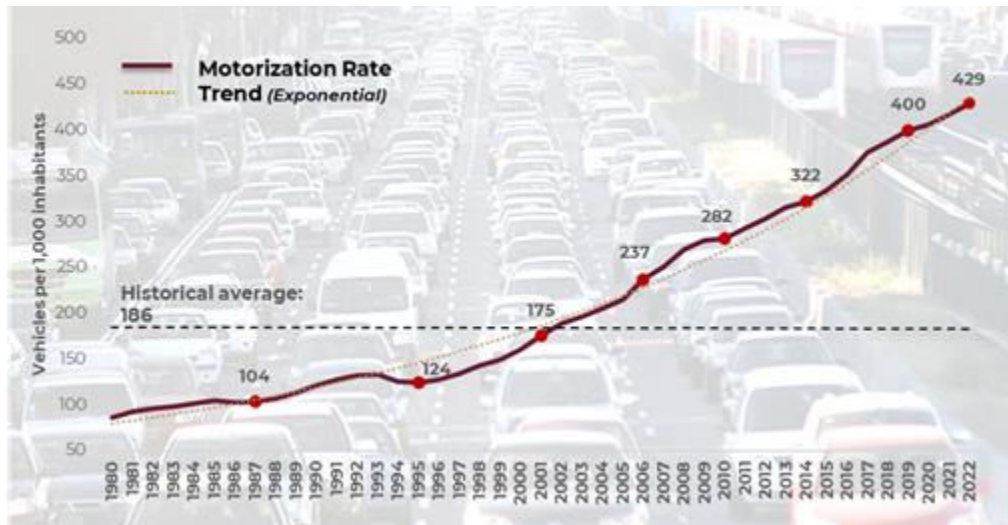
21 %



1 %



The vehicle fleet has **tripled in 20 years**, from **17.3 to 55.2 million**; an increase of **319 %**



The vehicle fleet in Mexico has **grown 9.5 times in the last 4 decades**, however, the fastest growing vehicles are **motorcycles by 25 times** (2,457 %) and TCMA 7.7 %.

# 2011 - 2022

causing

## 380 mil

road  
accidents

## 14 a 16 mil

road  
fatalities



Cyclist

1.8%



Motorcyclists

18.6%



Vehicle occupants

32.2%



Pedestrians

46.4%

in road fatalities, Mexico occupies:



## 7th worldwide

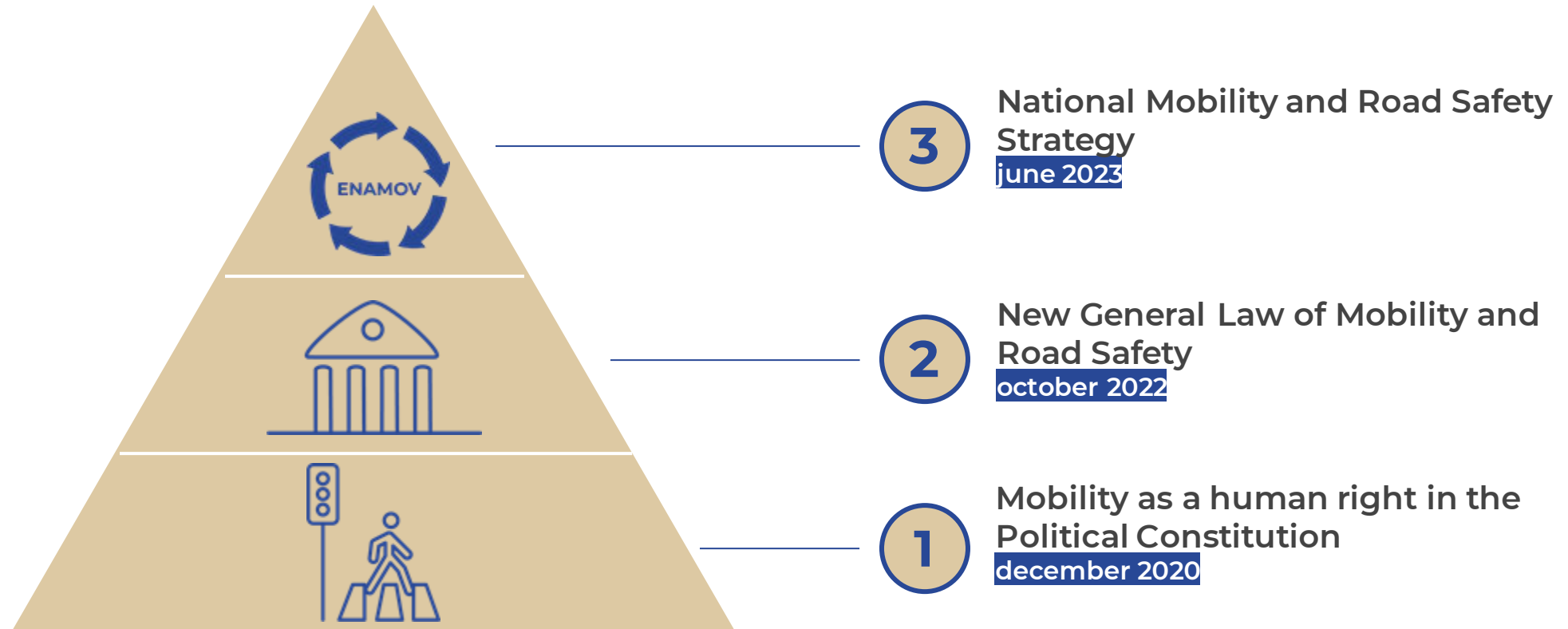
## 3th Latin america region

# Advances Legal Institutional



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## *Reform to Article 4 of the Political Constitution of the United Mexican States*



"Everyone has the **Right to Mobility** under conditions of road safety, accessibility, efficiency, sustainability, quality, inclusion and equality"

*Mexico is one of the few countries in the world that has recognized  
Mobility Constitutionally as a Human Right*

*(GIZ, 2023)*

# Mobility and Road Safety General Law

## Constitutional Reform

Its purpose is to establish the bases and principles for...  
"Guaranteeing the Right to Mobility"



It is approved **UNANIMOUSLY** in the Legislative Congress and published in the Official Gazette on May 17, 2022

### Objectives of the Law

1. Reduce **deaths and serious injuries** caused by traffic accidents.
2. Establish **coordination mechanisms** between the 3 levels of government through the National System of Mobility and Road Safety..
3. Promote access to safe, affordable, accessible, sustainable, and inclusive **transportation systems**.



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Installation and approval of the Guidelines of the Mobility and Road Safety National System.

October 11, 2022



Federation

32 states



Other authorities

Work Groups



Mobility and Road Safety Module in the Territorial and Urban Information System.

December 2023



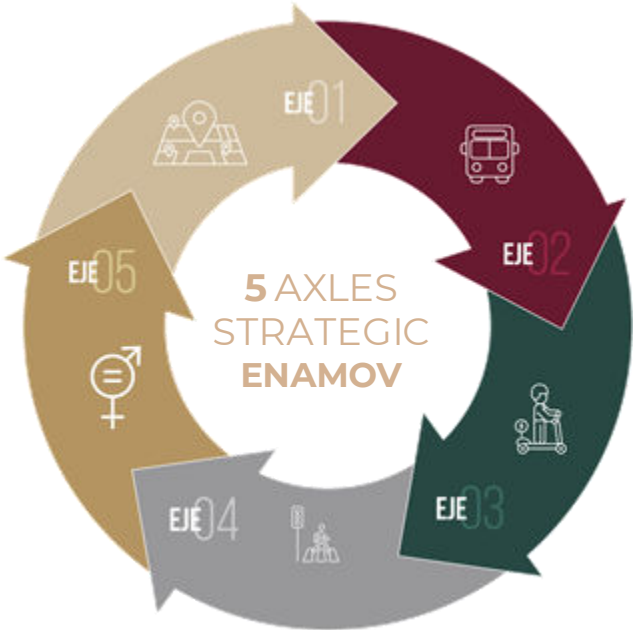
# National Mobility and Road Safety Strategy

Strategic axes and lines of action



ACTION LINES

SPECIFIC OBJECTIVES



Mobilities Articulated to Territorial Economic Development

01

3

41

Public passenger transport services

02

3

36

Active Mobility

03

6

21

Road safety

04

6

37

Gender and Inclusion

05

3

19

21

160

129 millions of inhabitants  
32 States  
402 System Cities National Urban  
92 Metropolis

Deadlines and responsables

Implementation components

Monitoring and evaluation plan



QR download

Long-term vision



2023-2030 Short

2030-2036 Medium

2036-2042 Long

# National Mobility and Road Safety Strategy

## Goals



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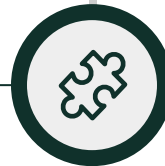
**Promote** initiatives that foster sustainable and secure **public transportation services** throughout the national territory.

02



**Promote** and strengthen the **coordination and collaboration** among the three levels of government, the private sector, and civil society.

04



03



**Link** mobility and road safety with **territorial planning and urban development instruments**.

01



**Promote** mobility and transportation systems that contribute to **reducing inequality gaps**.

05



**Generate** the corresponding actions in favor of the **protection of the life and physical integrity** of road users within the national territory.

# Actions for the implementation of ENAMOV

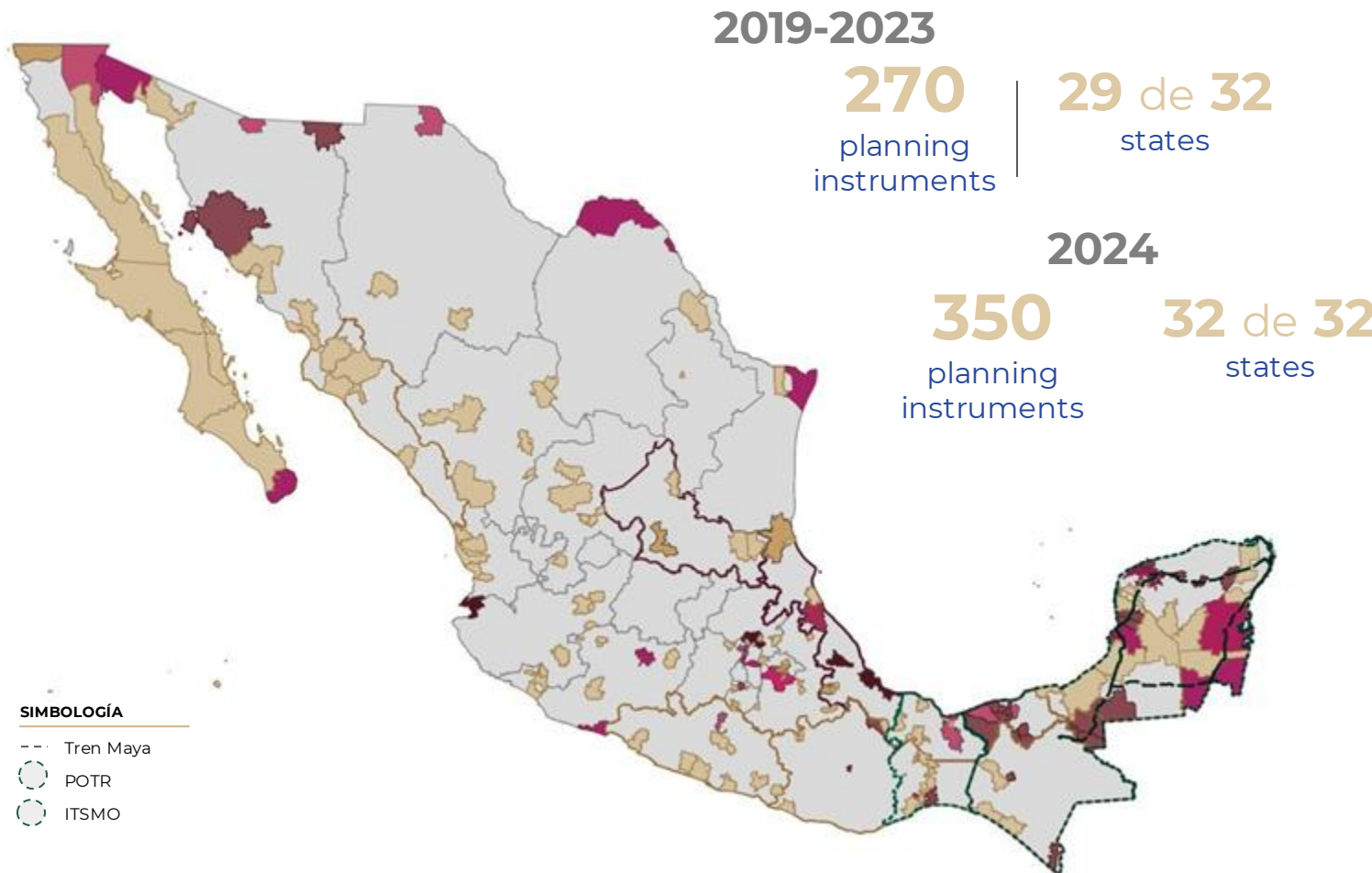
Planning and Territorial Ordering linked to mobility



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## Unprecedented planning exercise



**Benefited population:**  
58.5 millions (46.4 %)

**Ordered territorial area:**  
847,000 km<sup>2</sup> (43.2 %)  
which is equivalent to  
2.4 the area of Germany

### Planning scale

City

Municipality

Subregional

Metropolitan

State-owned

Regional



# Great actions in terms of sustainable public transport and integral development

## The Mayan Train



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It will offer three services of transport:



Local passengers



Tourists



Freight

The Mayan Train seeks:

- **Guarantee** the safeguarding of the environment.
- **Protect** archaeological and cultural heritage.
- **Respect** the rights of indigenous peoples.
- **Promote** the economy for the well-being of the people.



It will benefit the population of **127 locations** in the 5 states where it will cross (Campeche, Chiapas, Quintana Roo, Tabasco and Yucatán).

By 2030, there will be a **15 % reduction** in people living in **poverty** in the region

# Great actions in terms of sustainable public transport and integral development

*Interoceanic Corridor of the Isthmus of Tehuantepec*



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## A regional development logistics project

“New route for global trade, cheaper and faster”

Route that will connect  
**2 oceans**,  
the Atlantic with the Pacific



**10**  
Development Poles for Well-being (PODEBIS)

It will travel a distance of more than  
**300 km**

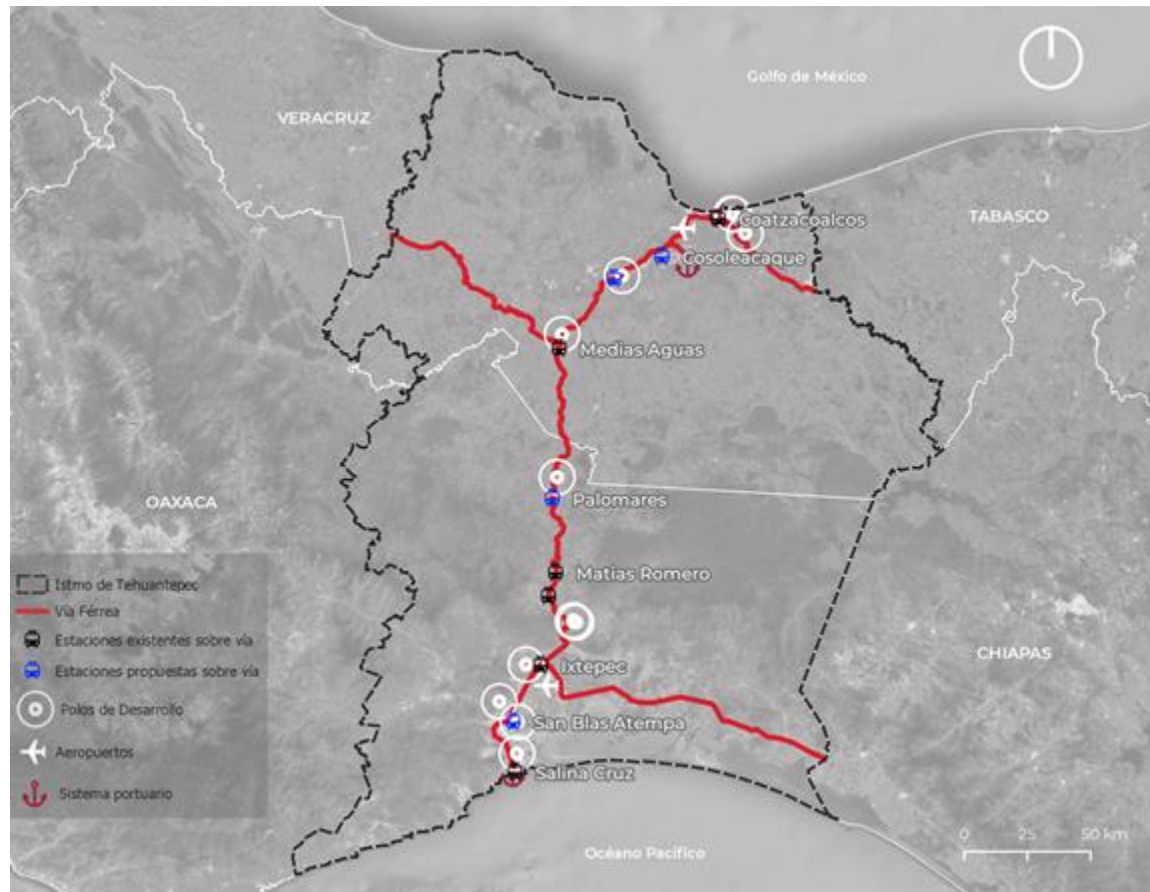
It will increase cargo transportation in the region  
**11.6 times;**  
**1.4 million TUEs annually**

It will pass through **79 municipalities** in the states of  
**Oaxaca and Veracruz.**

It will contribute **1.6 % of the national GDP** by 2050

It will benefit  
**2.4 million**  
of people

The connection will be saved up to **5 days** between Asia and the East Coast of the United States





# Great actions in terms of sustainable public transport and integral development

Nearby trains



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## Intermodal connectivity projects

It will benefit  
**24 million people**

It will travel a distance of  
**57.7 km**

Will reduce travel time  
**45 min**

They will reduce CO<sub>2</sub> emissions by  
**27,000 tons/year**

Will transfer to  
**250,000 pax/day**

Its construction was  
completed after  
**9 years**  
having started



Mexico-Toluca interurban train



Buenavista-AIFA suburban train

It will directly benefit  
**2 million people**

It will travel a distance of  
**23 km**

Will reduce travel time  
**55 min**

Will transfer to  
**300,000 pax/day**



# Great actions in terms of sustainable public transport and integral development

## International airports



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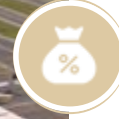
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### Felipe Angeles International Airport

It came into operation in March 2022, **after 2 years and 5 months** of construction.



It will relieve **air congestion** at the Mexico City Airport; **45 million** currently.



Lower rates between **40 and 52 %** compared to other airports.



In 2052 it will serve **80 million passengers** a year.



Logistical potential for cargo and logistics transportation, **350 thousand tons/year**.



Investment of **6 billions of euros**.

### Tulum International Airport

It will be inaugurated in **December 2023** and will enter into operation in early 2024.



**75 %** of arrivals will be of foreign origin.



It will relieve **air congestion** at the Cancun Airport; **30 million** currently.



It will have the capacity to transport **19 million passengers** per year.



**Intermodal connection with the Mayan Train.**



Investment of **170 millions of euros**.

## CONCLUSIONS

1.

Mexico is facing an opportunity to place public transportation as the structuring axis of the country's comprehensive development and contribute to the country's international commitments regarding climate change;

2.

The new institutional design, which is anchored in the Federal Constitution, is a clear route in the approach to human rights, in accordance with the international treaties that Mexico has signed;

3.

The great actions are causing changes in the territories that represent a new opportunity for the comprehensive and sustainable development of Mexico.



# Thank you!!!



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