

Transport and Climate
Change Week

#TransportWeek23

National Strategy on Mobility and Road Safety

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DESARROLLO TERRITORIAL
SECRETARÍA DE DESARROLLO AGRARIO, TERRITORIAL Y URBANO

CHANGING
TRANSPORT

giz Deutsche Gesellschaft
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Challenges of mobility in Mexico



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

Challenges of mobility in Mexico



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



Challenges of mobility in Mexico



88% of public transport operates under the **“hombre-camiión”** 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

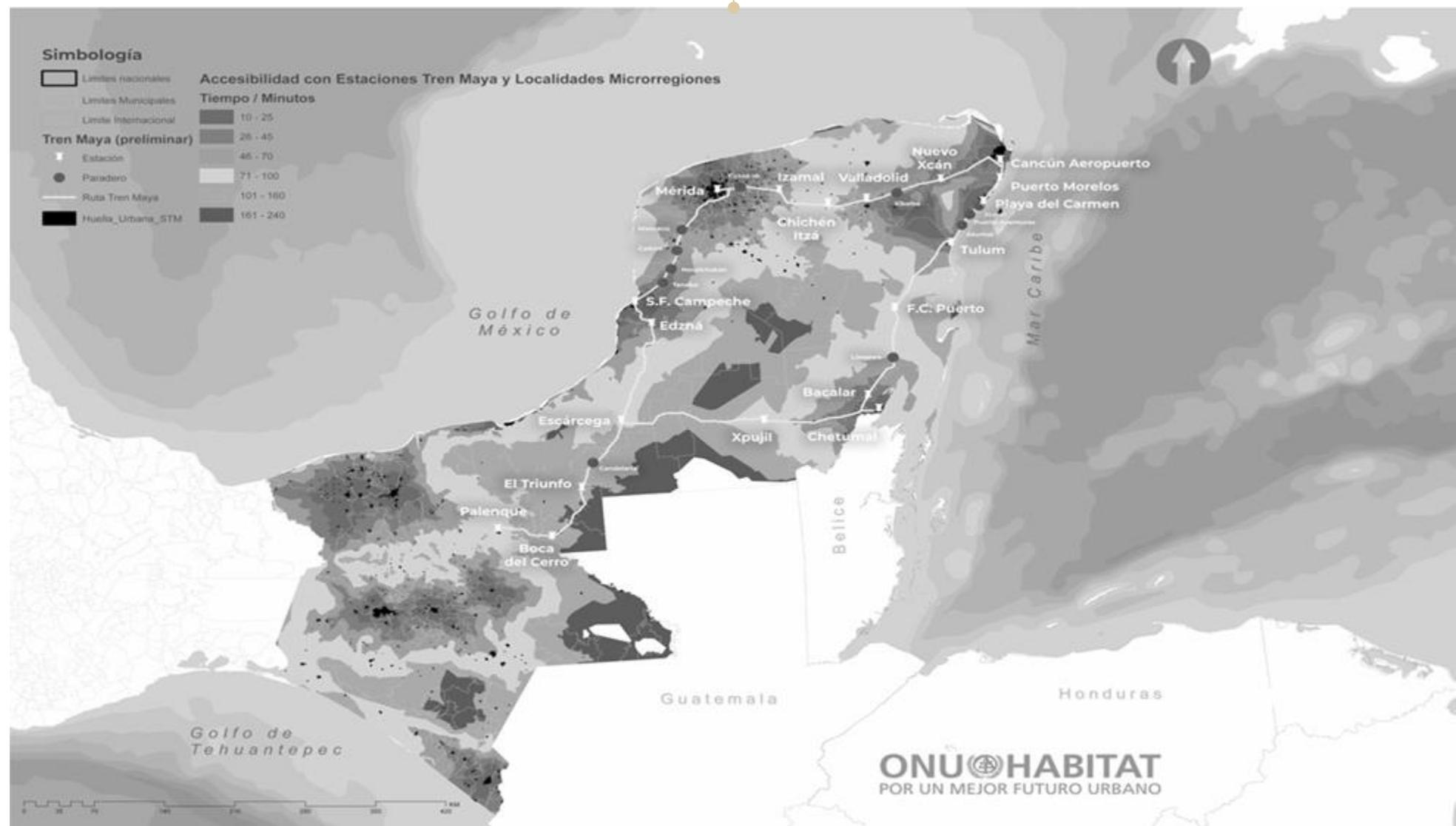


Public transport users spend **118 hours** by year at rush hours, compared to **71 hours** for **private vehicles** (IMCO, 2019).

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



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



2022

55.2 millions

Registered vehicles on the road

429

Vehicles per 100 thousand inhabitants

66 %

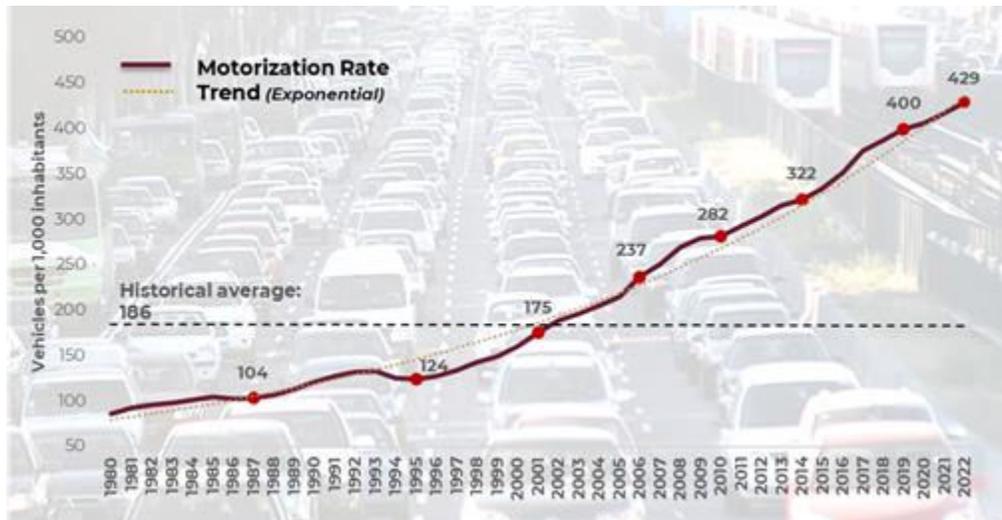
12 %

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%

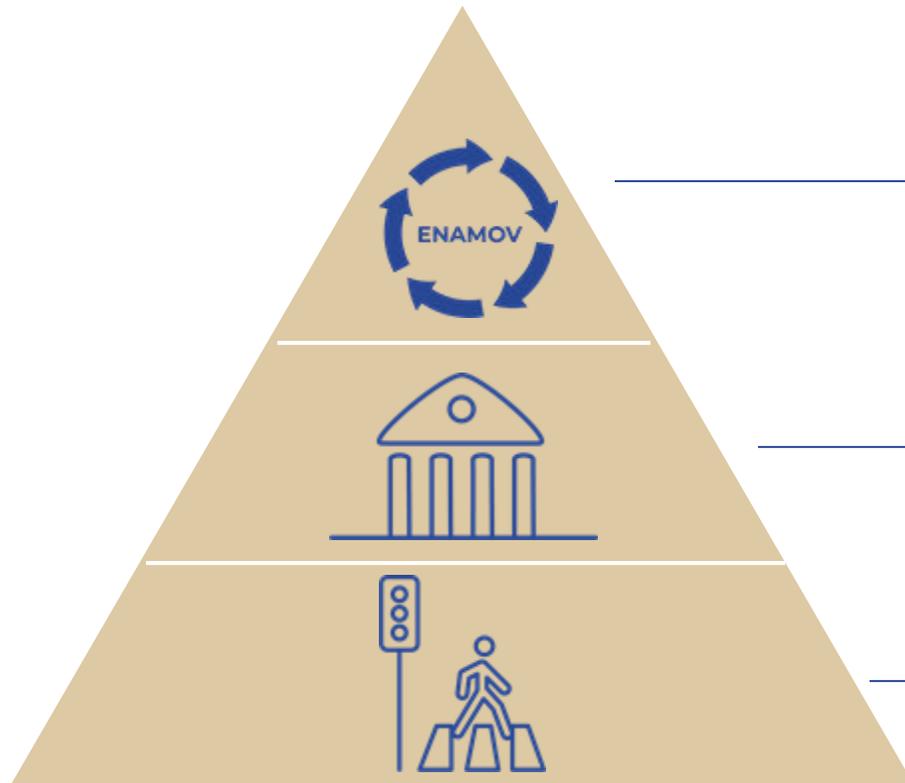
in road fatalities, Mexico occupies:



7th worldwide

3th Latin America region

Advances Legal Institutional



3

National Mobility and Road Safety
Strategy
june 2023

2

New General Law of Mobility and
Road Safety
october 2022

1

Mobility as a human right in the
Political Constitution
december 2020

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



SPECIFIC OBJECTIVES

ACTION LINES

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

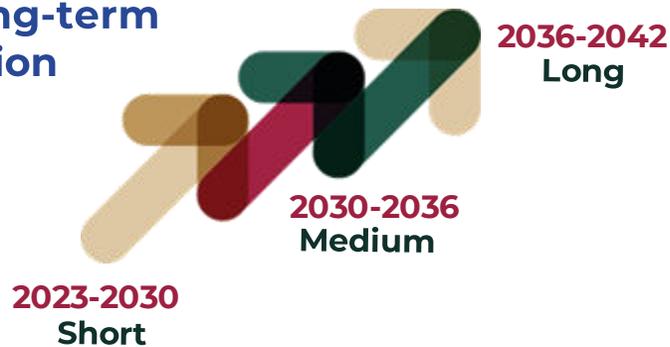
Implementation components

Monitoring and evaluation plan



QR download

Long-term vision





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

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



01

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



02



03

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



04



05

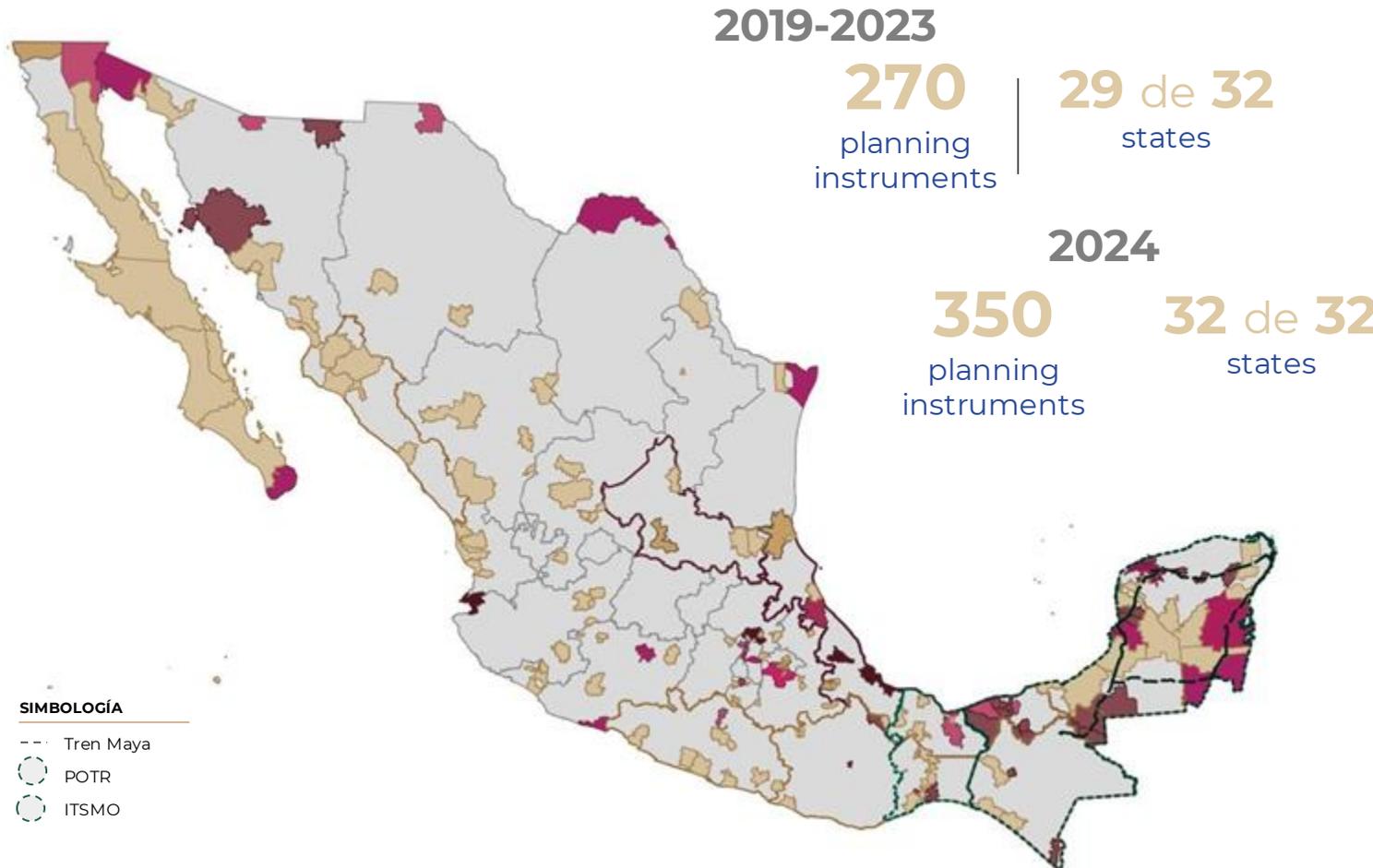
Generate the corresponding actions in favor of the **protection of the life and physical integrity** of road users within the national territory.

Actions for the implementation of ENAMOV

Planning and Territorial Ordering linked to mobility



Unprecedented planning exercise



SIMBOLOGÍA

- Tren Maya
- POTR
- ITSMO

Benefited population:
58.5 millions (46.4 %)

Ordered territorial area:
847,000 km² (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



It will travel a distance of **1,554 km**

Approximate investment of **19 billion of euros**

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

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.

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

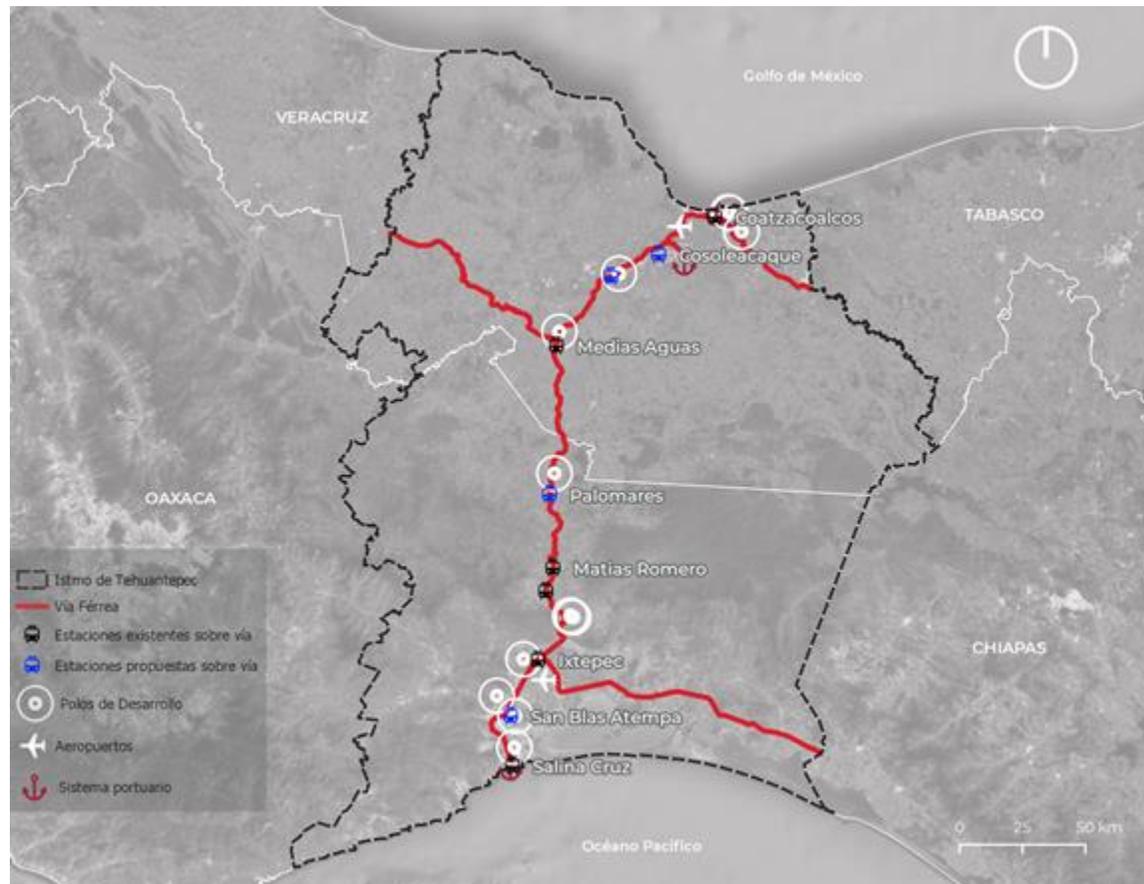
It will increase cargo transportation in the region
11.6 times;
1.4 million TUEs annually

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



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 CO₂ emissions by
27,000 tons/year

Will transfer to
250,000 pax/day

Its construction was completed after
9 years
having started



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



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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