SEDATU
SECRETARÍA DE DESARROLLO AGRARIO, TERRITORIAL Y URBANO

SEMARNAT
SECRETARÍA DE MEDIO AMBIENTE Y RECURSOS NATURALES

USAID
DEL PUEBLO DE LOS ESTADOS UNIDOS DE AMÉRICA

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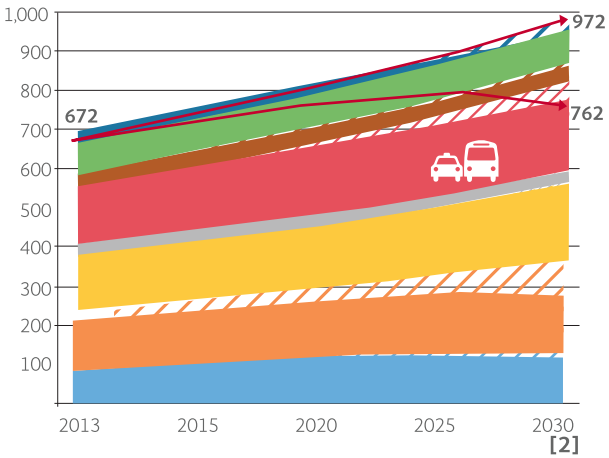
ITDP

Transit Oriented Development:

Actions and policies that contribute to achieving Mexico`s GHG mitigation commitments.

In March2015 Mexico presented its GHG mitigation commitments: a 22% reduction relative to the baseline by 2030.[1]

Mexico: GHG emissions 2013-2030



[2]

- LB. Oil and Gas
- ABAT. Oil and Gas
- LB. Electricity Generation
- ABAT. Electricity Generation
- LB. Industry
- ABAT. Industry
- LB. Commercial and Residential
- ABAT. Commercial and Residential
- LB. Transportation
- ABAT. Transportation
- LB. Waste
- ABAT. Waste
- LB. Agriculture
- ABAT. Agriculture
- LB. LULUCF
- ABAT. LULUCF
- TOTAL EMISSIONS INDC
- TOTAL EMISSIONS LB

In Mexico the transport sector has the fastest growth rate in the coming decades, due to the increase in urban population and expected expansion of Mexican cities.

To meet its mitigation commitments, Mexico must:

- Modify vehicle ownership preferences.
- Encourage the use of mass transit systems.
- Contain the urban expansion.
- Promote infill development and mix-use.

Transit Oriented Development systems (TOD)

A development model that promotes the construction of compact, dense and mixed land uses around the transit stations, offering transport systems of greater frecuency and higher quality.

Elements

- High-quality public transit
- Non motorized mobility
- Managemente of vehicles and parking
- Mixed-use of space
- Active ground floors and street fronts
- Active and safe public spaces
- Community involvement and safety
- Social Inclusion

TOD in Mexican cities

Mexico Low Emissions Development Program (MLED, program of the United States Agency for International Development, USAID), CTS EMBARQ México and the Institute for Transportation Policy and Development (ITDP), in coordination with the Ministry of Agrarian, Land and Urban Development (SEDATU) and the Ministry of Environment and Natural Resources (SEMARNAT) they generated among other documents, a TOD Guide and a tool for the estimation of emissions from urban passenger transportation. [3]

Institutional framework

MLED-USAID SPONSOR	TECHNICAL SUPPORT	INSTITUTIONAL COUNTERPART	COUNTERPART FOR PILOT PROGRAM
	CTS EMBARQ México	SEDATU	Government of the State of Jalisco
	ITDP México	SEMARNAT	Municipalities of Guadalajara Metropolitan Area.

Metropolitan Guadalajara was chosen because on mass transit and non-motorized mobility investments represent an opportunity to implement the TOD . The objectives for this phase are :

- Identify a specific area in which to implement TOD.
- Develop guidelines for the use of financial and regulatory instruments to support TOD implementation.
- Build a methodology for quantifying GHG emissions reductions from replicating TOD actions in other cities.

TOD actions contribute to combating climate change:

The low density of cities, low coverage and low quality of public transport have been the main factors car use has tripled in the last thirty years. The growth of automobile use contribute increasing emissions of greenhouse gases (GHG) in the transport sector.[4]

Mexican cities could reduce 9 Millions of tons of CO_2 ($MtCO_2e$) in 2030. [5]

Implementing TOD can make an important contribution in the mitigation commitment established by Mexico in its INDC (Intended Nationally Determinated Contribution) since TOD is the link between the transport and urban sector to develop sustainable cities.

[1] SEMARNAT, 2015
[2] Elaborada por WWF México con datos de SEMARNAT, las trayectorias intermedias son indicativas.
[3] http://itdp.mx/dotmx/#/:
[4] Guía de Implementación de Políticas y Proyectos de Desarrollo Orientado al Transporte. Hacia Ciudades Bajas en Emisiones, ITDP, MLED-USAID, 2015. Ver: http://itdp.mx/dotmx/#/:
[5] Despacio & ITDP. (2015). Modelo para la estimación de reducción de emisiones de gases de efecto invernadero (GEI) mediante políticas públicas asociadas al desarrollo urbano (densificación y usos mixtos de suelo). México: ITDP.