

**Country:** Mexico

**Committee:** UNCSTD



**Agenda Item:** The role of Technology in combating the Climate Change

Mexico is a country in North America. It covers 1,972,550 km and it is the 13th largest country in the world by land area. Its population 131,946,900 (2025 estimate). It is the 10<sup>th</sup> most populous country in the world. Mexico's capital city is Mexico City and its official language is Spanish. Mexico is the world's 15th-largest economy by nominal GDP and the 13th largest by PPP.

Mexico has one of the world's most diverse weather systems. The climate is varied because of the country's size. Climate change is affecting Mexicans' health, increasing human migration and extinction risk for Mexico's biodiversity. Rising temperatures, drought, hurricanes and also sea-level rise have a big impact on water resources and agriculture. As a result, it also causes economic insecurity. Mexico has taken action in combating the climate change. In May 2007 Mexico formulated its National Climate Change Strategy. Mexico is committed to reducing greenhouse gas emissions by 35% by 2030. It also aims to net zero by 2050. According to Climate Action Tracker's 2022, unfortunately, Mexico's climate policies have fallen back.

According to the Paris Agreement, technology development is very important to reduce greenhouse gas emissions and to fight against climate change. Being a part of institutions like Institute of Ecology and Climate Change, and Information and Communication Technologies for Climate Change Adaptation in Cities is essential for Mexico. For all nations, improving climate technologies which can help us reduce greenhouse gas emissions include renewable energies such as wind energy, solar power and hydropower is crucial. Every nation must take action to adapt to the effects of climate change. Using climate technologies such as drought-resistant crops, early warning systems and sea walls must be available for every country.

## **REFERENCES**

<https://en.wikipedia.org/wiki/Mexico>

[https://en.wikipedia.org/wiki/Climate\\_of\\_Mexico](https://en.wikipedia.org/wiki/Climate_of_Mexico)

<https://www.adaptation-undp.org/explore/latin-america-and-caribbean/mexico>

[https://unfccc.int/ttclear/misc\\_/StaticFiles/gnwoerk\\_static/NAD\\_EBG/54b3b39e25b84f96aeada52180215ade/b8ce50e79b574690886602169f4f479b.pdf](https://unfccc.int/ttclear/misc_/StaticFiles/gnwoerk_static/NAD_EBG/54b3b39e25b84f96aeada52180215ade/b8ce50e79b574690886602169f4f479b.pdf)

<https://www.gob.mx/sre/prensa/mexico-announces-new-commitments-to-combat-climate-change-at-cop27?idiom=en#:~:text=The%20Mexican%20gov>