

## GLOBAL CLIMATE CHANGE



In the world are living  
**7.3 billion** people  
World Bank, 2015



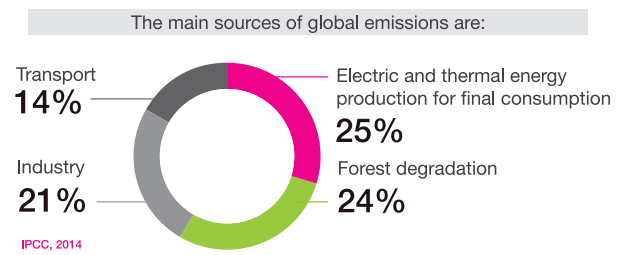
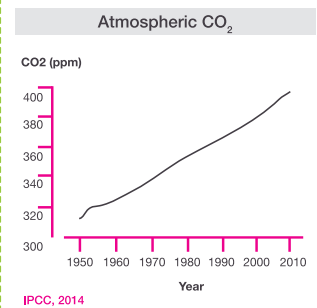
**54%** lives in cities

By 2050 will be  
**2.3 billion** people more in cities  
UN, 2014



**70%** of the global emissions come from cities

The pollutant emissions between 2000 and 2010 were the highest in the mankind history.



The pollutant emissions trigger a temperature imbalance known as global warming that produces the climate change and the major consequences are:

- Rain intensity changes that cause floods.
- Health problems due to extreme heat and unusual colds.
- Loss of glaciers that raise sea level and will cause some beaches to disappear.

## COP21 AND C40

During the 21th Conference of the Parties of the United Nations Framework Convention on Climate Change (COP21), held in Paris in 2015, the countries accomplished a historic agreement with a clear target as respond to global climate challenges.

Therefore, in 2014 several cities networks: **C40 UCLG ICLEI** → Signed the **COMPACT OF MAYORS**

Paris Agreement stated target

That the global temperature will not rise further than **1.5°C** to mitigate the climate change effects

The Compact has the goal to reduce:

**3.7 gigatons** of greenhouse gases by 2030  
C40

C40 cities are committed to:

- Monitor and report their emissions into the CDP international platform
- Signed the Declaration on Clean Buses to incorporate low emission bus fleets

NAZCA Platform

**DR. MIGUEL A. MANCERA ESPINOSA**  
Mexico City's Mayor



Mexico City's Climate Action Program (PACCM, in Spanish) for 2014-2020 is a planning tool that integrates, coordinates and promotes actions to reduce the environmental, social and economic risks posed by climate change while simultaneously promoting the welfare of the city's population, collective participation and gender equality.

In this context, and as part of acquired commitments by the Mexico City's government, the 2016 Progress Report of PACCM is presented after two years of its launch, which recognizes the need of promoting a transversal policy to create synergies that help diminish the impacts of climate change.



## Mexico City (CDMX)

Annual emmissions in the Metropolitan Area

**20.6 million** tons of CO<sub>2</sub> = **56.1 million** emissions in the Mexican Valley Metropolitan Area  
CDMX Emissions Inventory, 2014

CDMX Climate Action Program 2014-2020 (PACCM)

With the goal to mitigate by 2020 → **10 million tons** of carbon dioxide equivalent

The main risks that our city faces by climate change are:

- Floods and landslides.
- Heatwaves due to high temperatures.
- Vector-borne diseases such as dengue and chikungunya.
- Droughts in conservation soil.

The goal to build adaptive capacities to climate change through the CDMX Resilience Strategy **5.6 million** people

**46%** (registered to october 2016)  
Mitigation of 3.1 million tons of carbon dioxide equivalent

The PACCM has: **7 strategic priorities** to tackle climate change

	Urban and Rural Energy Transition.
	Containment of Urban Sprawl.
	Environmental Improvement.
	Sustainable Improvement of Natural Resources and Biodiversity
	Building Resilience.
	Education and Communication.
	Research and Development.

**TOTAL 102 actions**