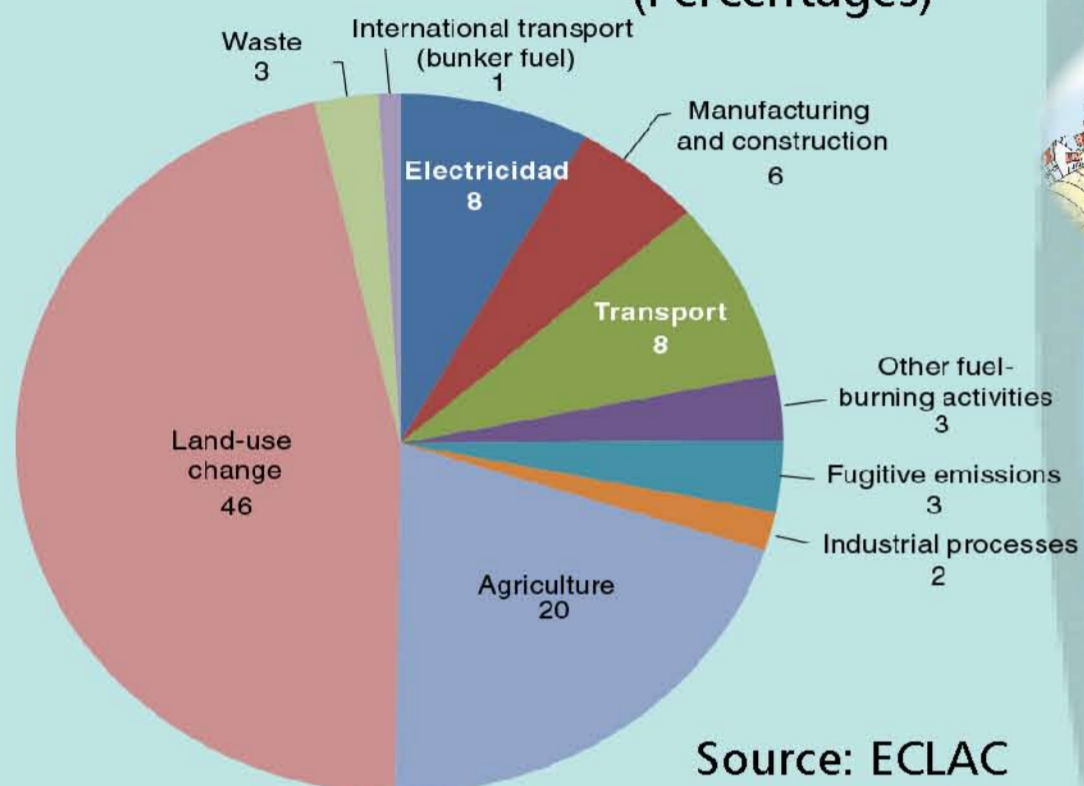


Climate change in Latin America and the Caribbean

Latin America and the Caribbean are accountable for **12** percent of worldwide greenhouse gas emissions.

Greenhouse gas emissions by sector, 2005 (Percentages)



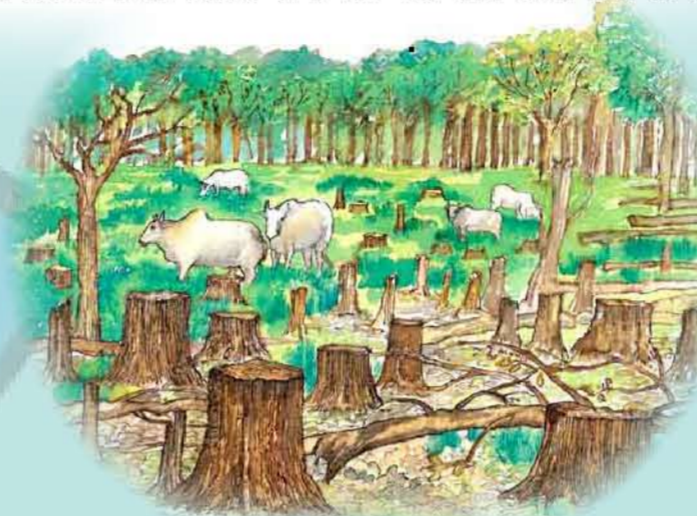
Source: ECLAC

CO2 Emissions, 2007

Country	CO2 (TM)	Percentage of Global total	Metric tons of CO2 per person
Mexico	467.3	1.58	4.4
Brazil	373.7	1.27	2.0
Argentina	168.9	0.57	4.3
Venezuela	164.8	0.56	6.0
Chile	73.6	0.25	4.4
Colombia	62.0	0.21	1.4
Peru	33.3	0.11	1.2
Trinidad and Tobago	31.5	0.11	23.7
Ecuador	30.0	0.10	2.2
Cuba	27.2	0.09	2.4
Dominican Republic	20.7	0.07	2.1
Bolivia	13.4	0.05	1.4
Jamaica	13.0	0.04	4.9
Guatemala	12.9	0.04	1.0
Honduras	8.9	0.03	1.2
Costa Rica	7.3	0.02	1.6
Panama	7.0	0.02	2.1
El Salvador	6.3	0.02	1.1
Uruguay	6.3	0.02	0.8
Paraguay	4.0	0.01	0.7
Haiti	2.5	0.01	0.3

Source: Climate Analysis Indicators Tool (CAIT)/ World Resources Institute

70 percent of the deforested land in the Amazon has been used for livestock pasture.



90 percent of the deforestation of Peruvian Amazon forests is due to land-use change for agriculture and livestock.

The construction of dams in the Amazon is no longer considered a push for green energy, since the flooding of forests generates quantities of methane, **20 times** more contaminating than carbon dioxide (CO2) emissions.



"The region needs an **economically sustainable system** to reduce its own emissions, since maintaining an economic system based on consumption has high costs: the planet's survival."

— Gerardo Honty, CLAES.

False solutions

- transgenics
- monoculture
- agrofuels
- large-scale hydroelectric dams
- nuclear energy
- carbon credit market
- Clean Development Mechanisms (CDM)/ Reducing Emissions from Deforestation and Forest Degradation (REDD)
- green economy
- geoengineering

Climate justice solutions

- > campesino agriculture
- > agroforestry
- > direct marketing channels
- > agroecology
- > food and energy sovereignty
- > solidarity economy
- > small-scale hydroplants
- > certified forests
- > Good Living

Upcoming Pinfo :

- Impact of climate change in Latin America and the Caribbean
- Experiences of mitigation and adaptation in facing climate change
- Proposals from the Latin American civil society to the COP20