

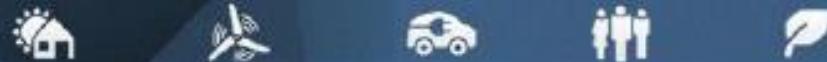


IFFS and the Mexican Nationally Determined Contribution

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Why subsidies are relevant for climate change policy?

- Distortion of impact of fossil fuels
 - No value -> no property rights -> no market → inefficient allocation
- Distortion of investments assessment
 - Fair, just, equitable allocation of resources?
- Behavioral impact
- Source of contradictions? Or are they competing for our attention?
 - Commitment with Paris Agreement and our NDC
 - Profitability of state-owned companies (pre-Reform)
 - Support low-income households (prevailing poverty)

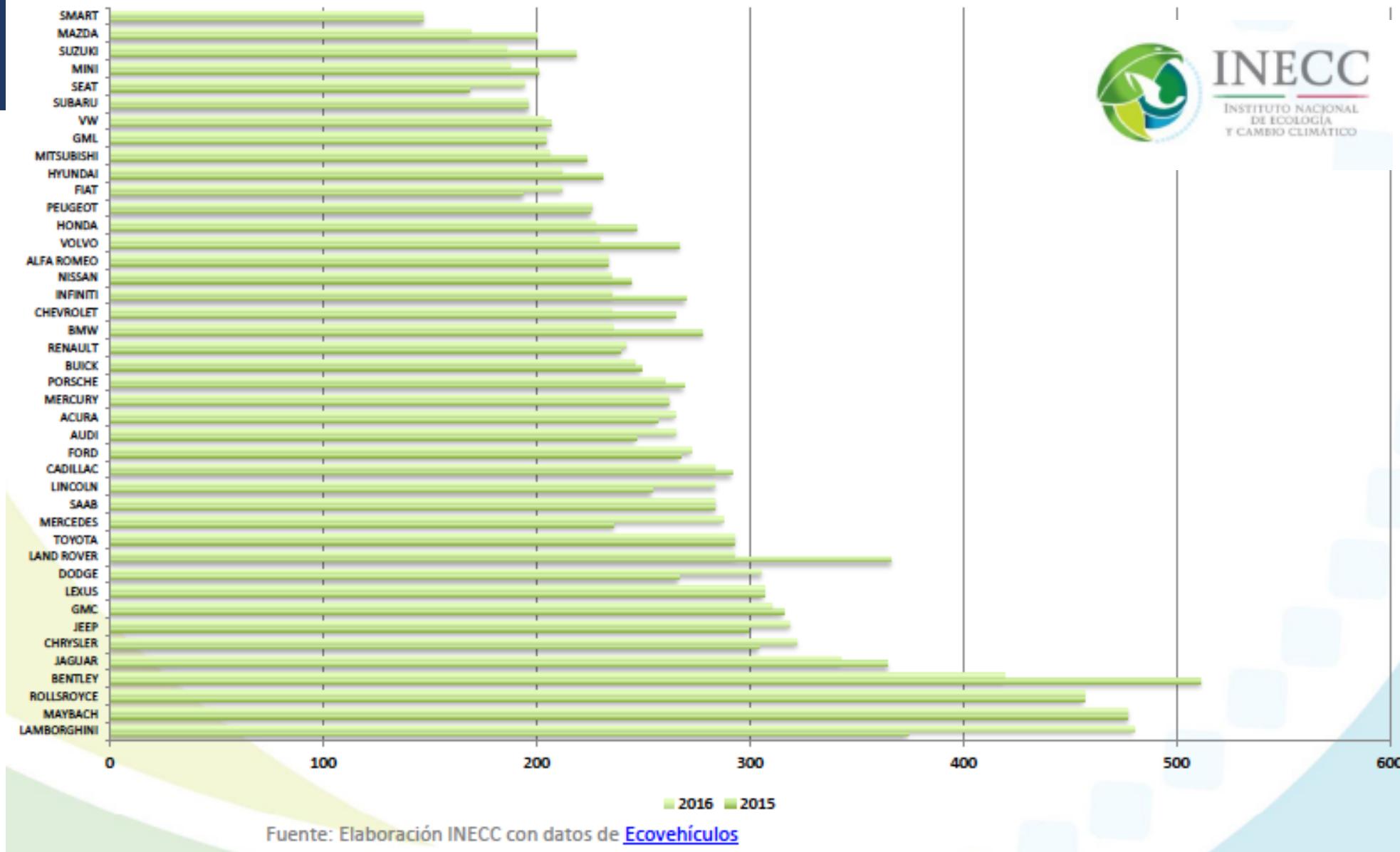
Examples:

1. Gasoline use in vehicles and emissions
2. Electricity generation, demand and emissions

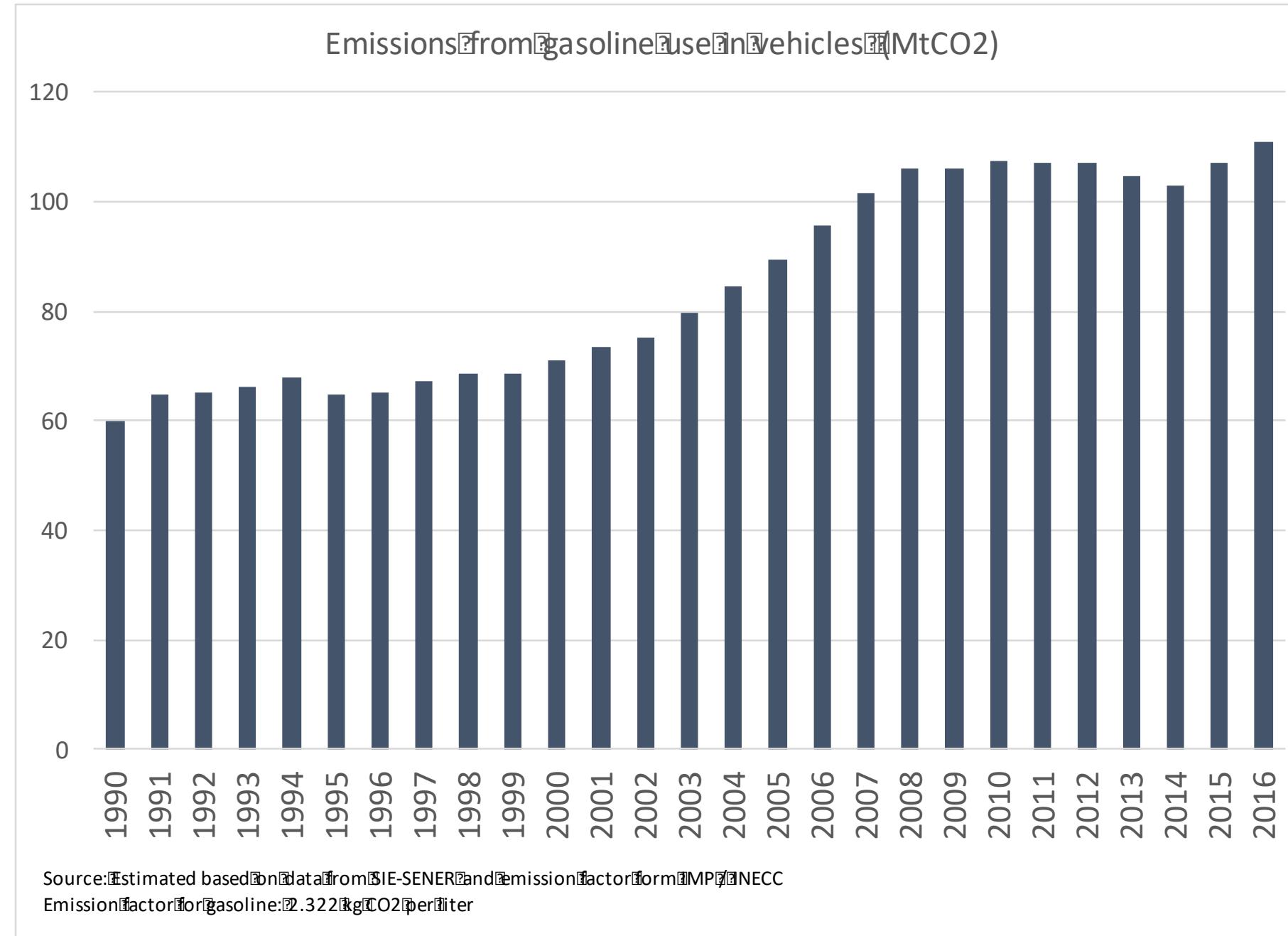
1.Gasoline

- Choose your vehicle
- Drive
- Pay for fuel
- Account for your emissions

Nivel de emisiones de CO₂ (g/km) de vehículos ligeros por marca vehicular, 2016

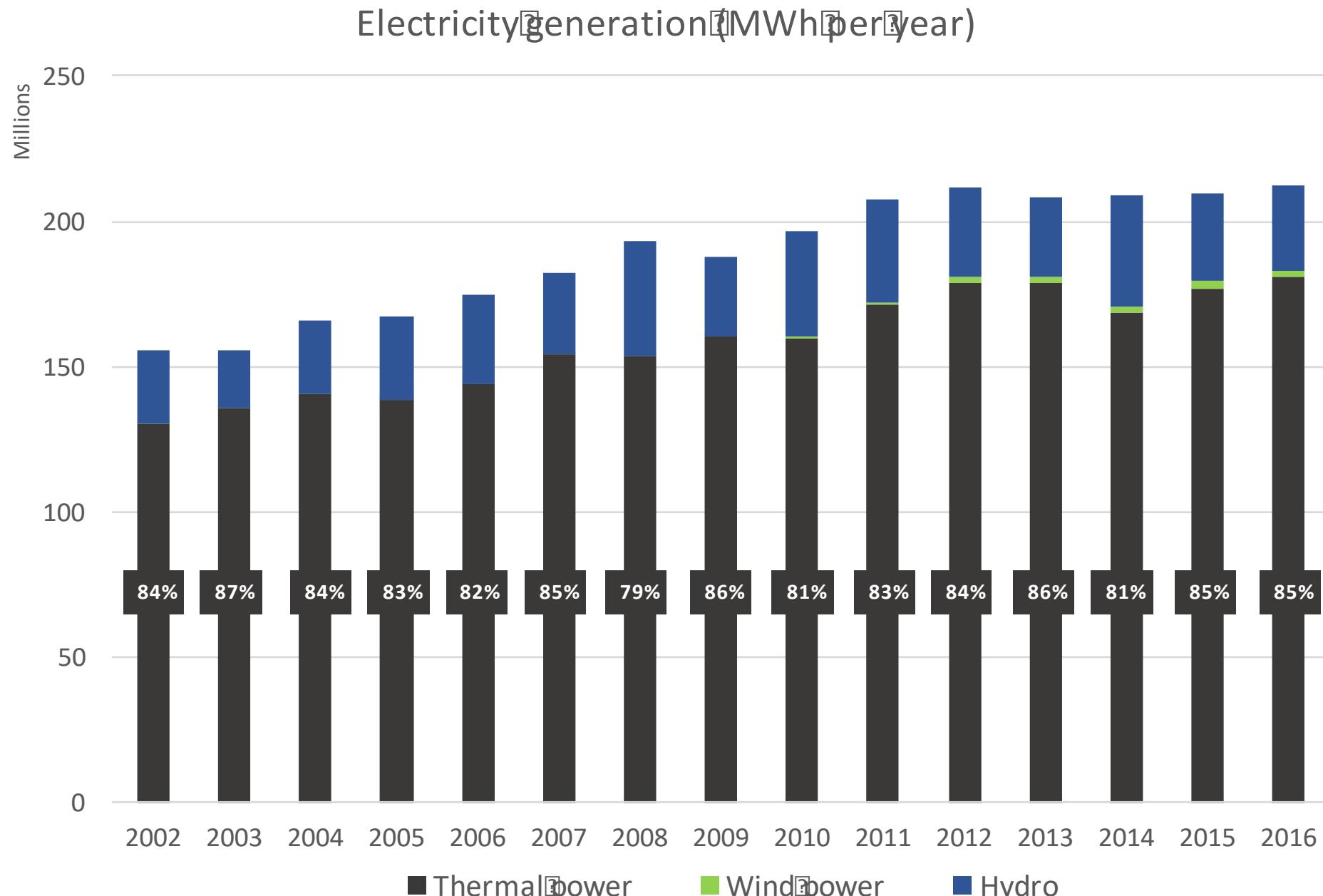


- CO₂ emissions from gasoline consumption in vehicles.
- Does not include other fuels



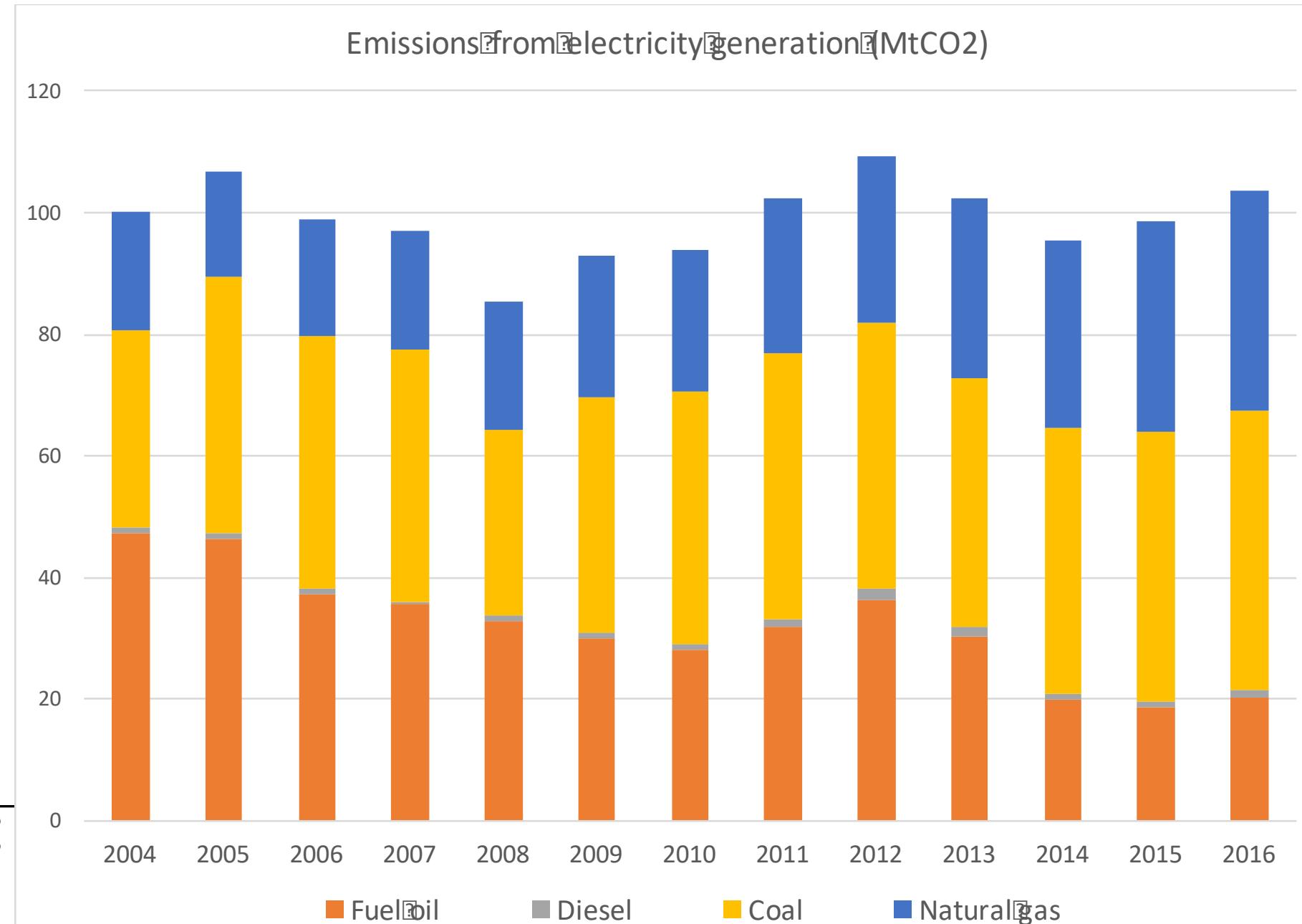
2. Electricity

- Our generation matrix heavily relies on fossil fuels

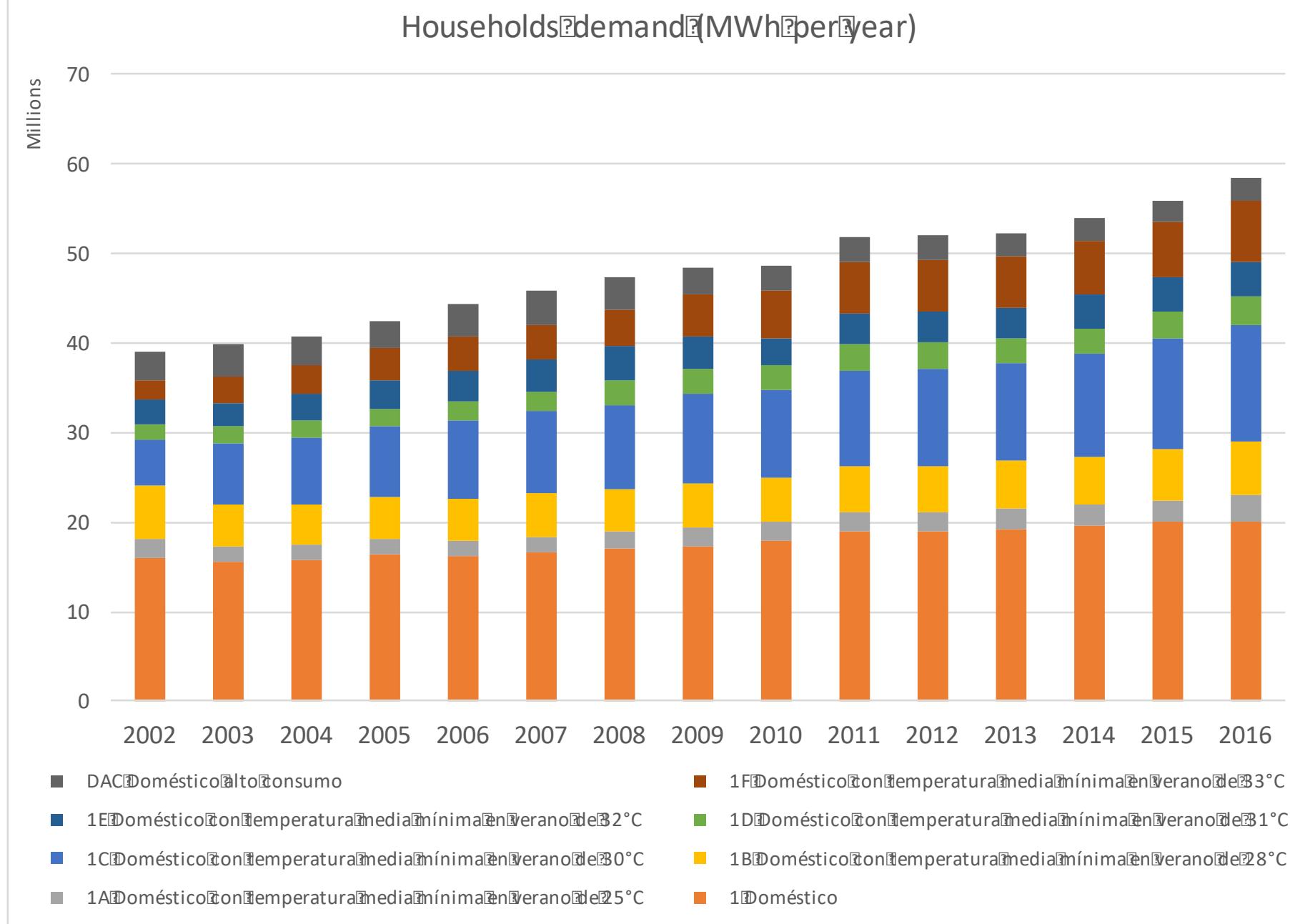


Source: IIE-SENER. Generación Bruta de Energía por Proceso

- Based on fuels consumed for electricity generation in thermal processes



- Households represent 23-25% of electricity demand per year
- 95% are subsidized



Nationally Determined Contribution (NDC): our targets

NON CONDITIONAL GHG TARGET: - 211 Mton CO ₂ e 2020-2030	baseline					TARGET 2030	ΔGEI
	2013	2020	2025	2030			
	665	792	888	973	762	-22%	

- ✓ Emissions peak starting from 2026
- ✓ Reduction of emissions per GDP (intensity) by 40%

CONDITIONAL GHG TARGET: - 350 Mton CO ₂ e 2020-2030	baseline					TARGET 2030	ΔGEI
	2013	2020	2025	2030			
	665	792	888	973	623	-36%	

- ✓ Conditionality: “subject to a global agreement addressing important topics including international carbon price, carbon border adjustments, technical cooperation, access to low-cost financial resources and technology transfer, all at a scale commensurate to the challenge of global climate change”

Other related targets... completing the set of milestones

NATIONAL GHG TARGETS

Commitment made by Mexico for COP-15 in Copenhagen.

Ratified by Congress under the General Law for Climate Change (LGCC)

2020 30% REDUCTION below baseline

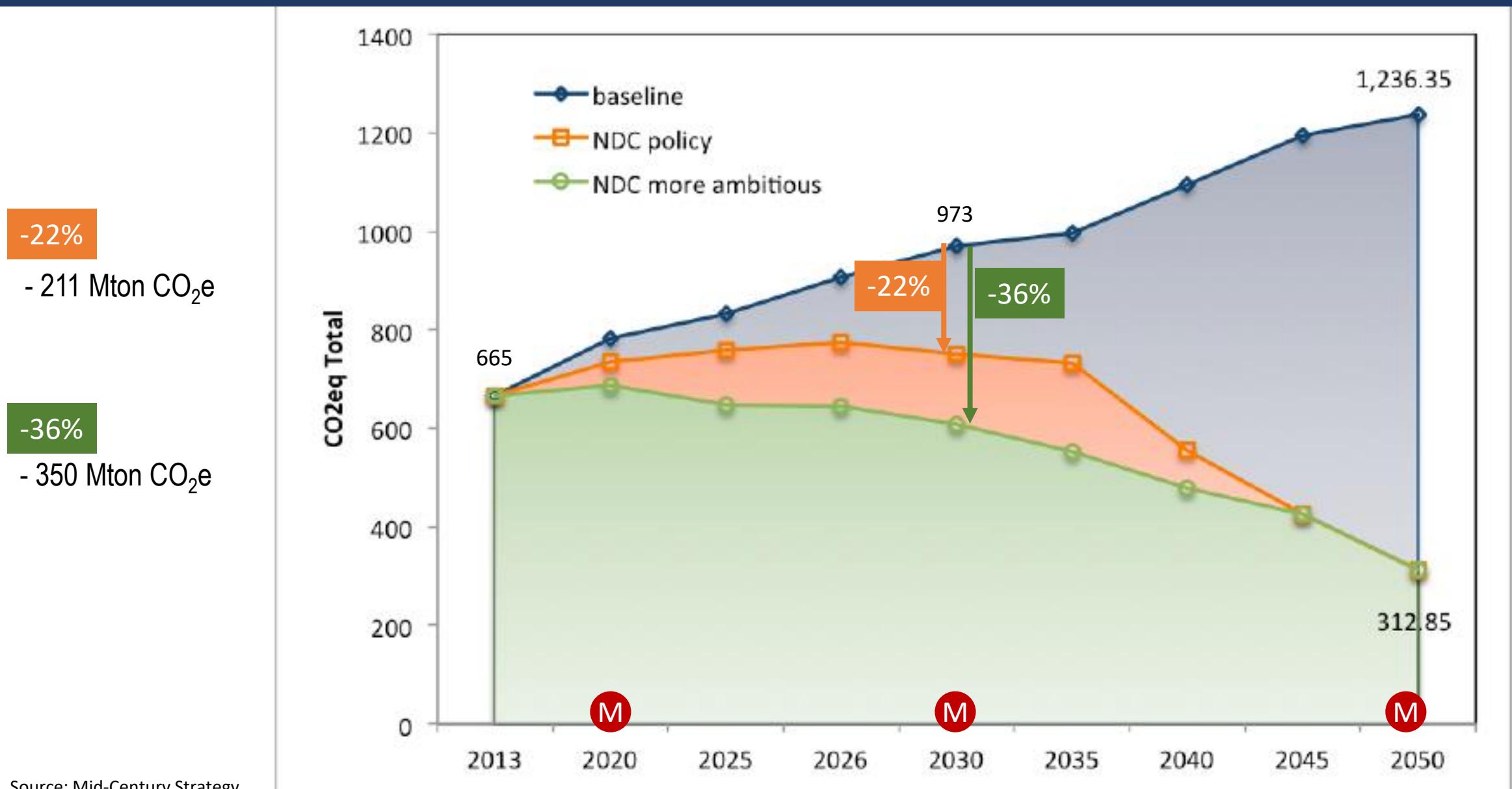
2050 50% REDUCTION below 2000 emissions

CLEAN ENERGY TARGET

Energy Transition Law

2024 35% Electricity generation from CLEAN ENERGY SOURCES

Potential emission pathways:



Source: Mid-Century Strategy

<https://www.gob.mx/inecc/documentos/investigaciones-2017-2013-en-materia-de-mitigacion-del-cambio-climatico-rev1?state=published>



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