



MÉXICO

GOBIERNO DE LA REPÚBLICA

**INTENDED NATIONALLY  
DETERMINED CONTRIBUTION**

**2020-2030**

**Rodolfo LACY**

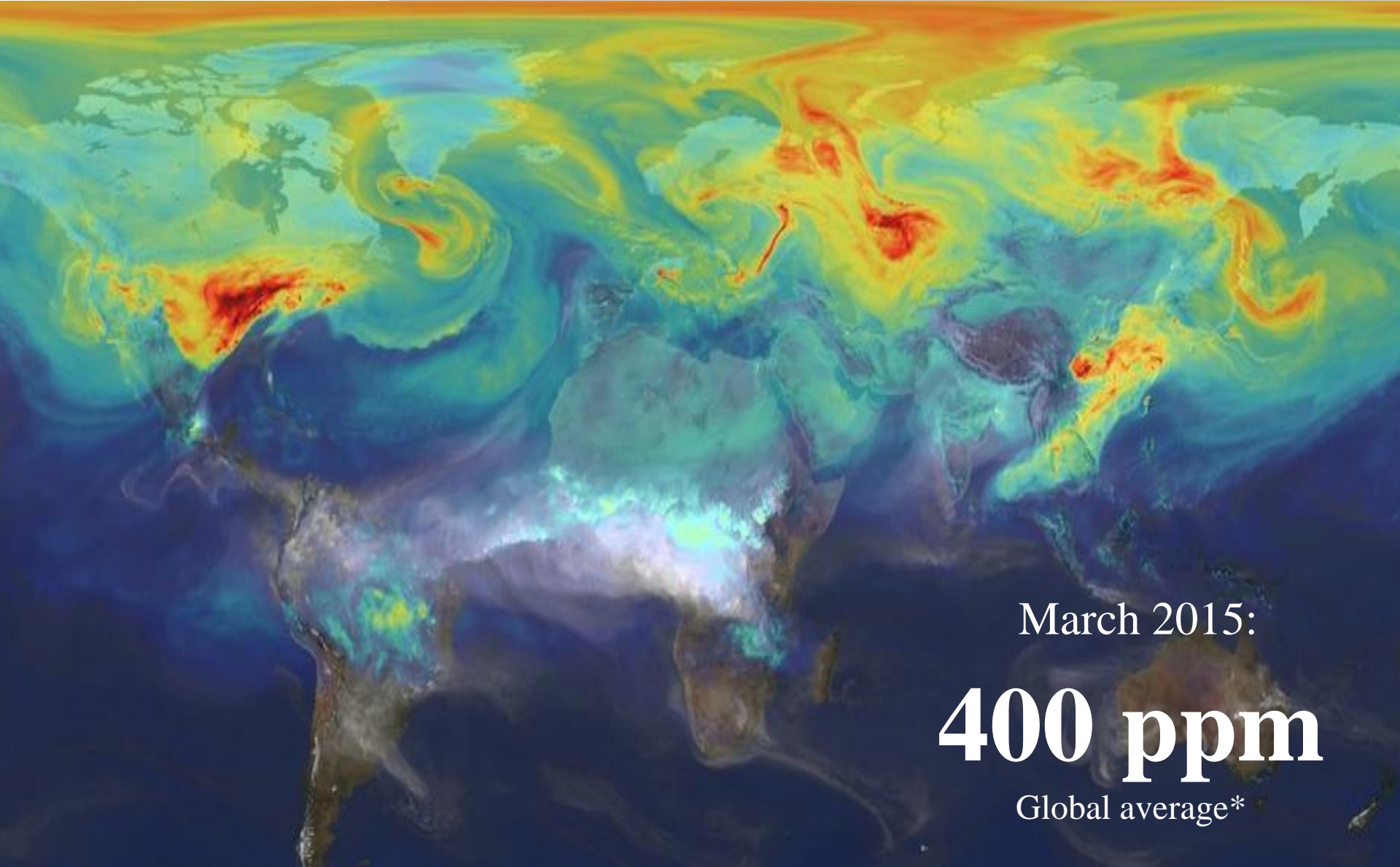
**July 2015**

MÉXICO

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# CARBON DIOXIDE



March 2015:

**400 ppm**

Global average\*

\* NOAA, average over a 40 worldwide CO<sub>2</sub> monitoring sites

Image: NASA (Goddard Space Flight Center/B. Putman), CO<sub>2</sub> dispersion modelling



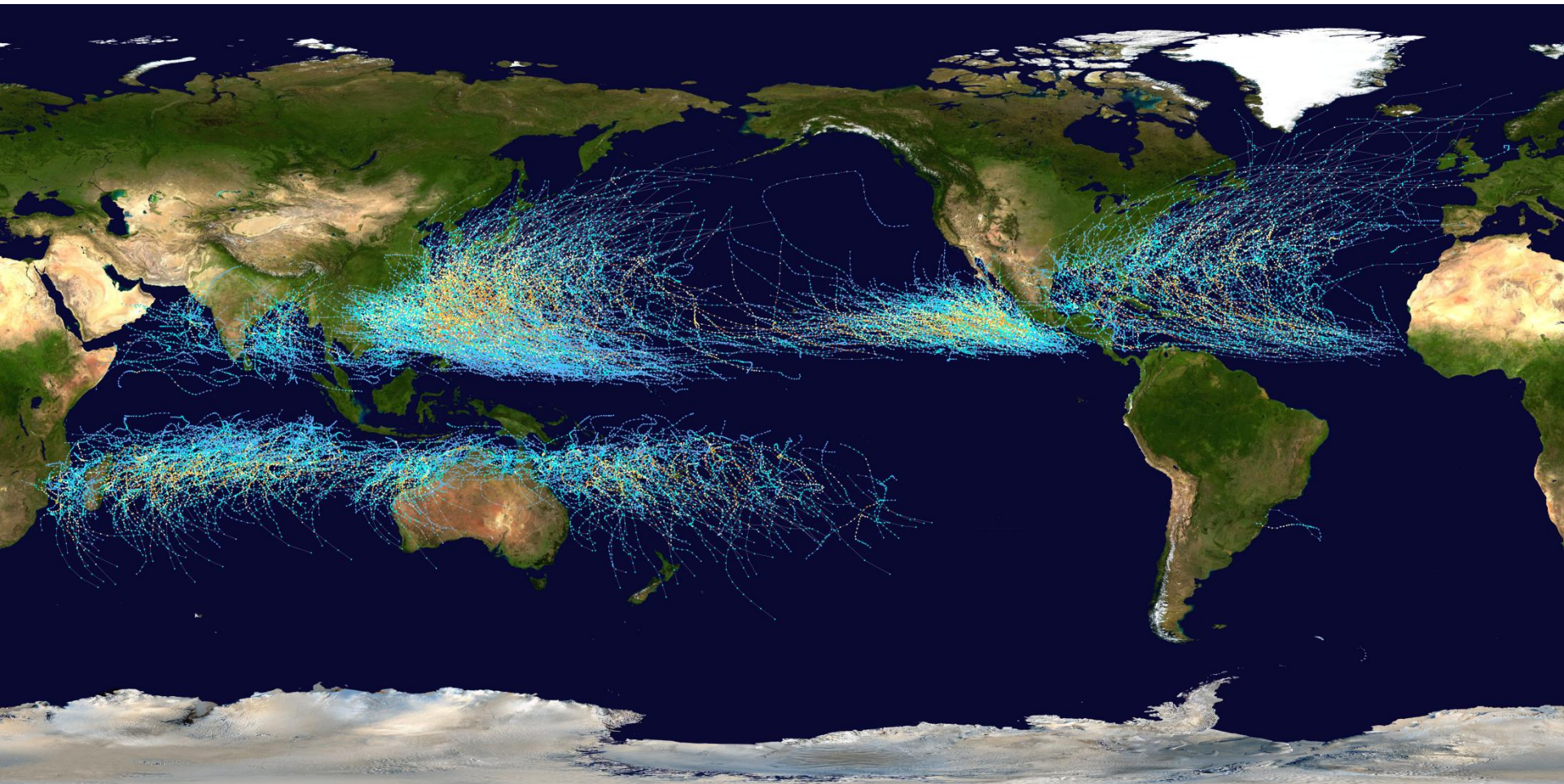
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# GLOBAL TROPICAL CYCLONE TRACKS

1985-2005



SOURCES: Background image: NASA this version: Nilfanion - Created using User:jdorje/Tracks by Nilfanion on 2006-08-05. Background image from File:Whole\_world\_-\_land\_and\_oceans.jpg (NASA). Tracking data for storms within the Atlantic and Eastern Pacific basins is taken from the National Hurricane Center and the Central Pacific Hurricane Center's Northeast and North Central Pacific hurricane database. The tracking data for storms within the Indian Ocean, the Northwest Pacific and the Southern Pacific is from the Joint Typhoon Warning Center. Tracking data for Cyclone Catarina in the South Atlantic was published in Gary Padgett's April 2004 Monthly Tropical Cyclone Summary and was originally produced by Roger Edson of the University of Guam.



December 1st



January 29  
CLIMATE CHANGE  
**INTERSECRETARIAL  
COMMISSION**  
14 Ministries



June 3rd  
CLIMATE CHANGE  
**NATIONAL  
STRATEGY**  
10-20-40 years Vision



December 20th  
**ENERGY  
REFORM**



December 18th  
CLIMATE  
CHANGE  
**NATIONAL  
SYSTEM**  
31 STATE  
GOVERNMENTS AND  
3 MUNICIPAL  
ASSOCIATIONS

October 10th  
Climate  
Change Law

2012

2013

2014

2015

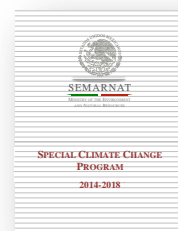
December 5th  
CLIMATE  
CHANGE  
FUND

May 14th  
CLIMATE CHANGE  
**ADVISORY PANEL**



November 14th  
**CARBON TAX**

April  
CLIMATE CHANGE  
**PROGRAM  
2014-2018**



December  
**GHG AND SLCP  
EMISSIONS  
INVENTORY**

March 27th  
**INDC  
submission**



October  
**GHG AND SLCP  
EMISSIONS  
REGISTRY**



**NATIONAL INSTITUTE OF  
ECOLOGY AND CLIMATE CHANGE**



WORKSHOP

ORGANIZATIONS OF CIVIL SOCIETY

KEY INDUSTRY SECTOR MEETINGS

- Oil & Gas
- Electricity
- Cement
- Iron & Steel
- Sugar Mills

KEY PRIVATE AND SOCIAL SECTOR MEETINGS

CLIMATE CHANGE INTERSECRETARIAL COMMISSION and ADVISORY PANEL APPROVAL

MARCH 27TH INDC SUBMISSION + PUBLIC EVENT



2015

1,168 participants

ONLINE SURVEY www.semarnat.gob.mx



INTERNATIONAL SUPPORT



UK PROSPERITY FUND





**CONDITIONAL GHG MITIGATION TARGETS**

Mexican pledge in Copenhagen COP 15, ratified by the Congress through a Climate Change General Law issued in 2012

**2020** 30% REDUCTION OF GHG AND SLCP compared to the baseline

**2050** 50% REDUCTION OF GHG AND SLCP with reference year 2000

**2024** 35% CLEAN ENERGY GOAL in dispatched electricity

**INDC 2020-2030**

**UNCONDITIONAL GHG MITIGATION TARGETS (Tg CO<sub>2</sub>e)**

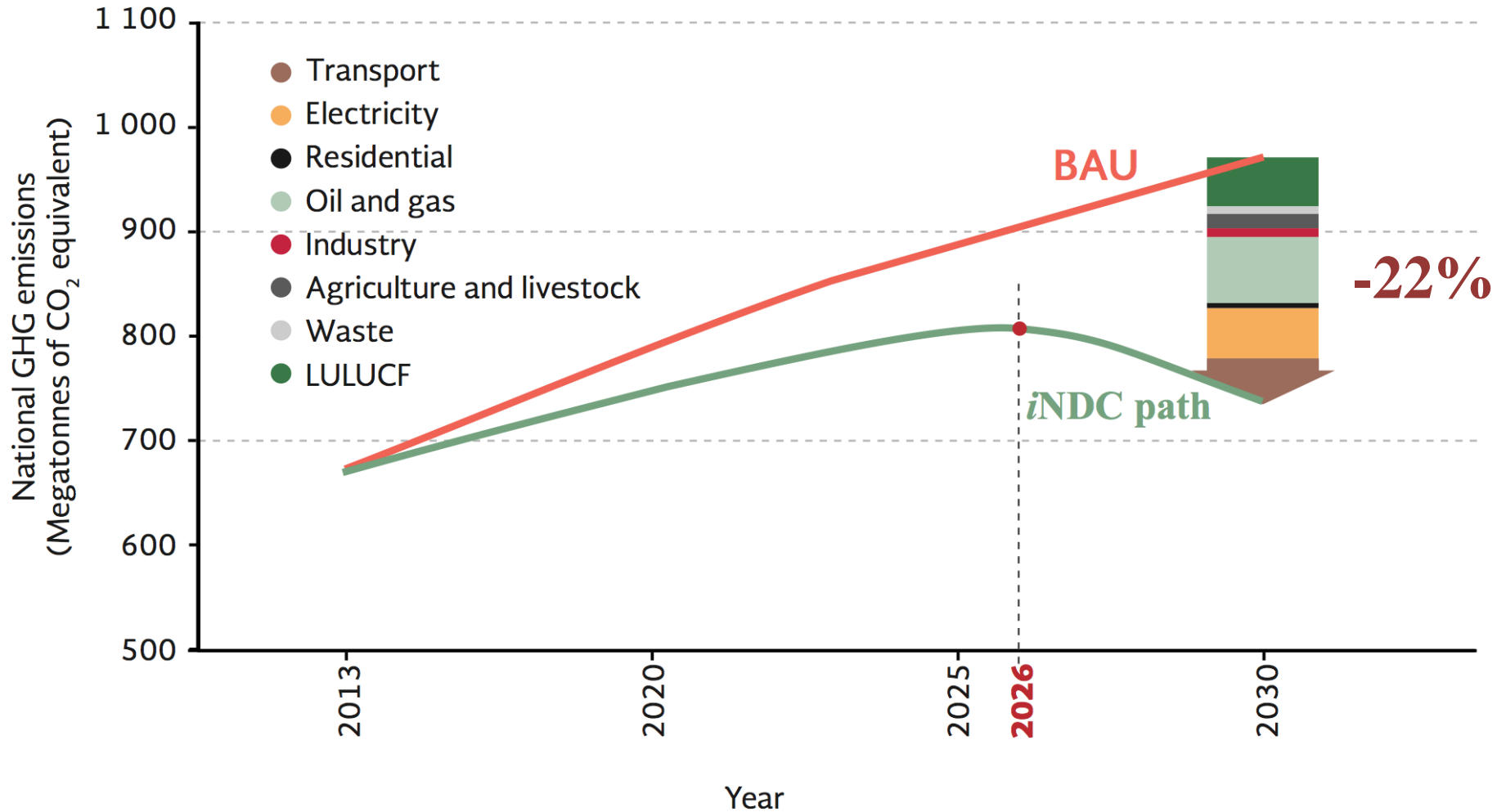
2013	2020	2025	2030	2030 GOAL	Δ
665	792	888	973	762	-22%

✓ **51%** reduction of **Black Carbon** emissions

✓ **ADAPTATION** commitments to increase resilient capacities in vulnerable communities, infrastructure, and ecosystems



*Net emissions peak starting from 2026...*





# Greenhouse Gases MITIGATION GOAL

-22%

-36%

CONDITIONAL  
GOAL

	BAU baseline				2030 GOAL	
	2013	2020	2025	2030	Unconditional 2030	Δ
TRANSPORTATION	174	214	237	266	218	-18%
ELECTRICITY GENERATION	127	143	181	202	139	-31%
RESIDENTIAL & COMMERCIAL	26	27	27	28	23	-18%
OIL & GAS	80	123	132	137	118	-14%
INDUSTRIAL PROCESSES	115	125	144	165	157	-5%
AGRICULTURE & LIVESTOCK	80	88	90	93	86	-8%
WASTE	31	40	45	49	35	-28%
SubTOTAL	<b>633</b>	<b>760</b>	<b>856</b>	<b>941</b>	<b>776</b>	<b>-18%</b>
FORESTRY AND LAND USE	32	32	32	32	-14	-144%
<b>TOTAL</b>	<b>665</b>	<b>792</b>	<b>888</b>	<b>973</b>	<b>762</b>	<b>-22%</b>





# Black Carbon MITIGATION GOAL

**-51%**

**-70%**

**CONDITIONAL**

	BAU baseline				UNCONDITIONAL	
	2013	2020	2025	2030	2030	Δ
TRANSPORT	47	47	52	58	10	-83%
ELECTRICITY GENERATION	8	4	4	3	2	-33%
RESIDENTIAL & COMMERCIAL	19	16	15	15	6	-60%
OIL & GAS	2	3	3	3	<3	-1%
INDUSTRIAL PROCESSES	35	43	49	56	41	-16%
AGRICULTURE & LIVESTOCK	9	11	12	13	10	-23%
WASTES	<1	<1	<1	<1	<1	-88%
FORESTRY & LAND USE	4	4	4	4	4	0%
<b>TOTAL</b>	<b>125</b>	<b>127</b>	<b>138</b>	<b>152</b>	<b>75</b>	<b>-51%</b>



**Carbon intensity per unit of GDP will decrease by around 40%**

**ZERO deforestation**

**43%**  
**of clean electricity dispatchment**  
[renewables, CCUS, etc.]

Achieving our conditional goal will require functional bilateral, regional and **international market mechanisms**

**CARBON MARKET**  
including GHG and SLCP

## **ADAPTATION** commitment with these priorities:

- to increase resilient capacity in 160 highly vulnerable municipalities
- to install early warning and climate risk management systems
- to enhance ecosystem connectivity among protected natural areas and wildlife refuges

For the first time, Mexico is committed to translate previous aspirational targets, included in the General Law on Climate Change, into **mandatory goals**

- 
- To detail mitigation and adaptation actions that support our INDC [sectoral approach, progressive cost analysis, etc.]
  - To develop the MRV framework
  - To strengthen policies, regulations, and measures that support economy-wide actions:
    - Carbon tax
    - Phase-out subsidies
    - Carbon pricing
  - To define finance, technology transfer, and capacity building support measures



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**GRACIAS**