



MEXICO'S ACTION ON METHANE AND CLIMATE CHANGE

RODOLFO LACY

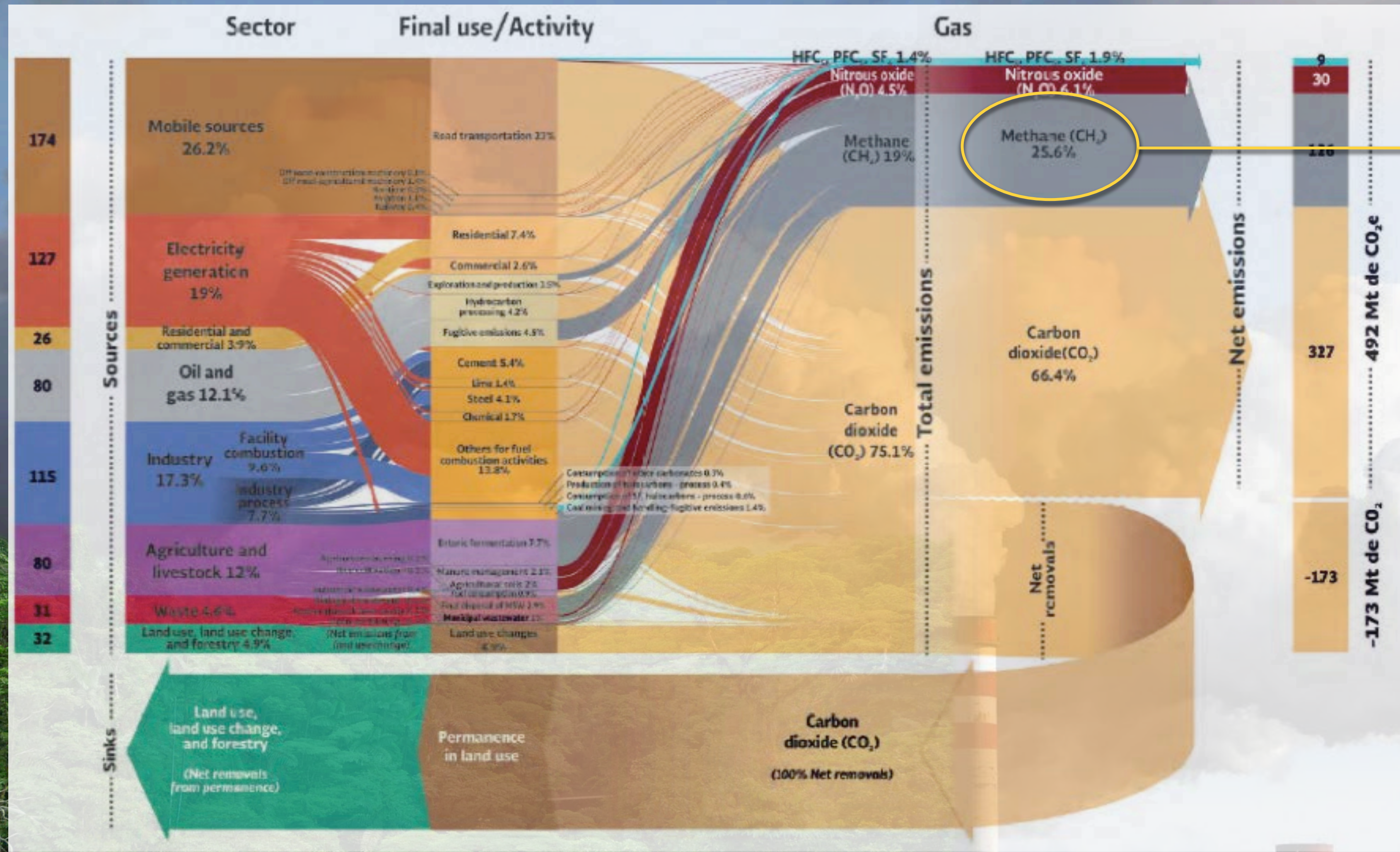
GMI
9TH STEERING COMMITTEE MEETING
DECEMBER 8, 2017

METHANE EMISSIONS

2013

665
MtCO₂e

-173
MtCO₂e

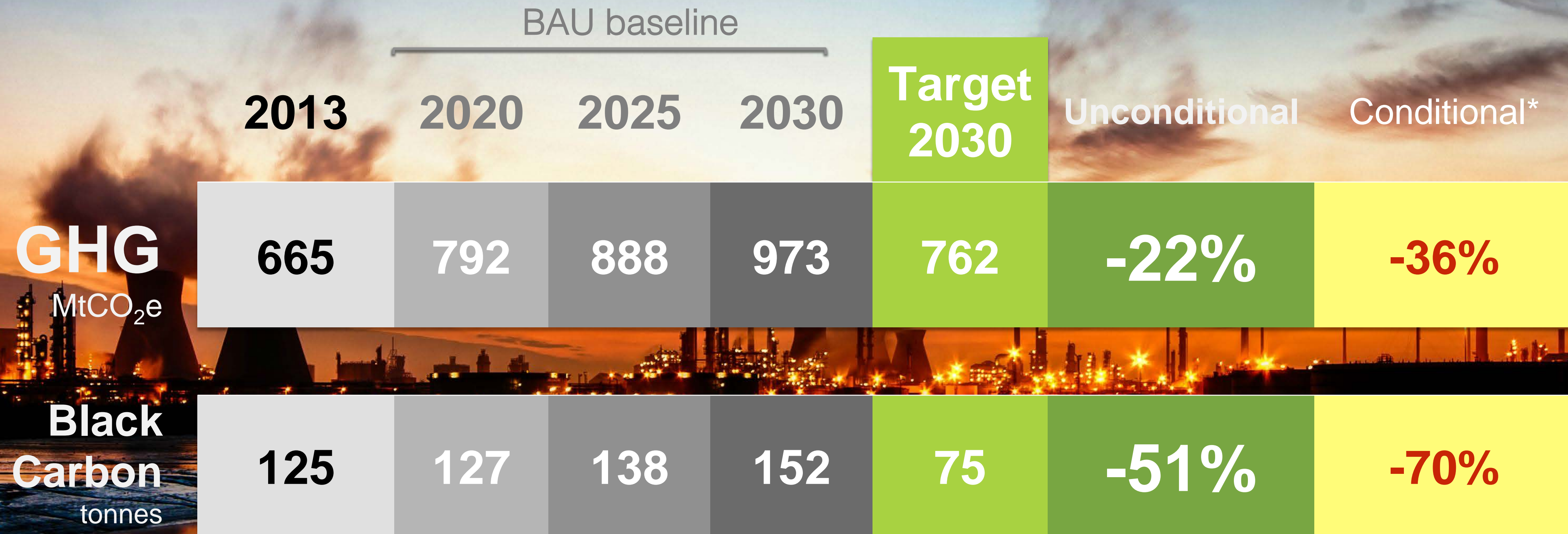


• ≈ 26%



MEXICO'S NDC TARGETS

2020-2030



* Conditional to Finance and Technology transfer

MEXICO'S NDC INVESTMENT NEEDS

MITIGATION

Unconditional NDC pledge is creating a positive entrepreneur environment for low carbon businesses, with investments estimated at

120
billion USdlls

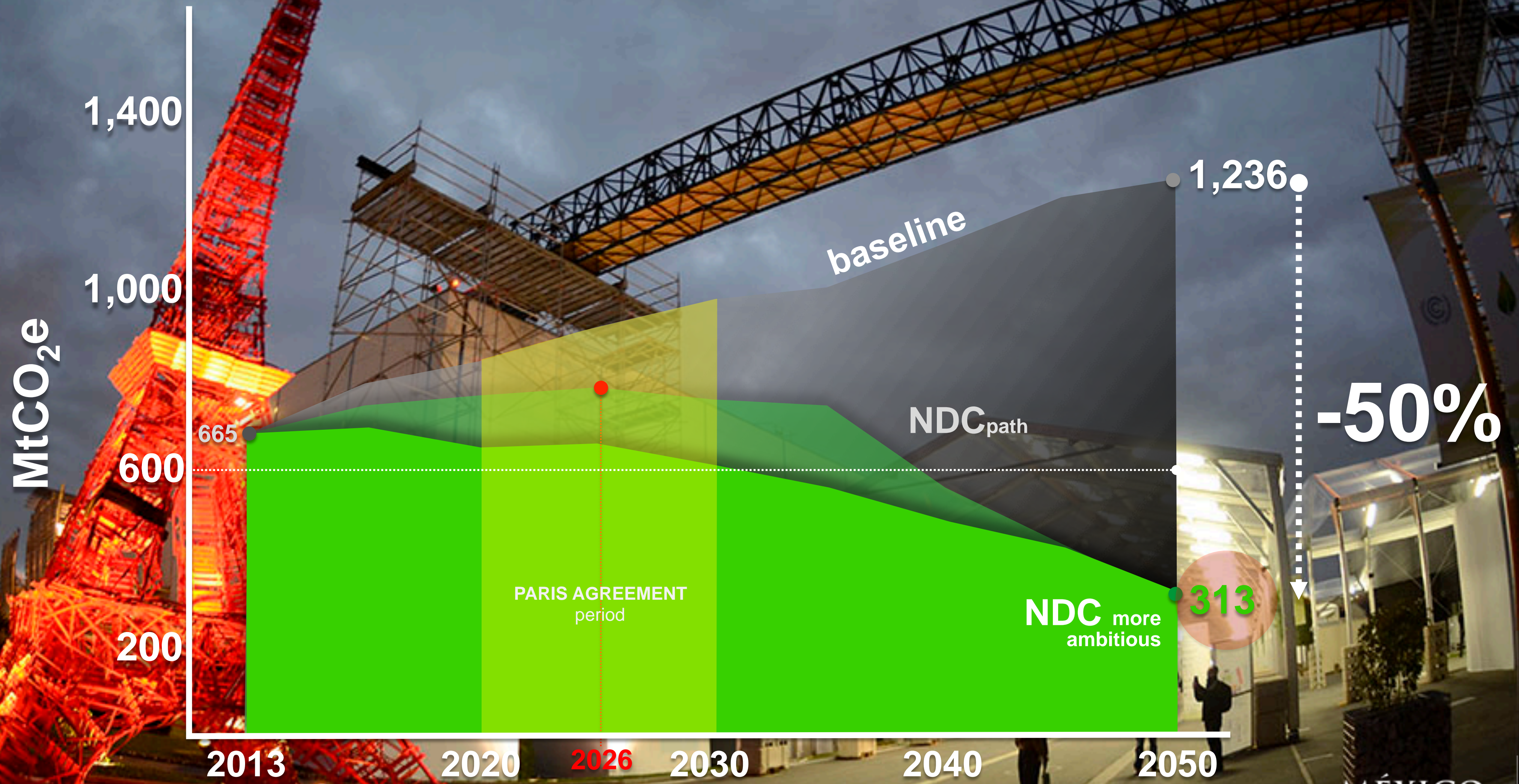
Over the period 2015-2030

MÉXICO
GOBIERNO DE LA REPÚBLICA



MEXICO's Mid-century mitigation scenarios

2013-2050



FIVE MITIGATION long term policies

M1 Accelerate energy transition towards **clean energy sources**

M2 Reduce energy intensity through efficiency and **responsible consumption** schemes

M3 Shift towards models of **sustainable cities** with mobility systems, integrated waste management, and low-carbon footprint buildings

Solar plant in La Paz
Baja California
Mexico

MÉXICO
PRESIDENCIA DE LA REPÚBLICA



CLEAN ENERGY GENERATION

2014-2016

+35%

Renewable energy generation by 2024
Investment in the order of
6.6 billion USdls already committed in
the first 3 electricity auctions

FIVE MITIGATION long term policies

M4 Promote best practices in agriculture and forestry to increase and preserve natural **carbon sinks**

M5 Reduce emissions of **Short-Lived Climate Pollutants** (SLCPs) promoting co-benefits in health and well-being

MEXICO NDC

2030 GOAL

ZERO METHANE EMISSIONS IN
157 LANDFILLS



27,500 BIODIGESTORS

to control methane emissions in livestock facilities



OIL & GAS REGULATIONS

As a result of the
ENERGY REFORM,
Mexico has new regulators:



Comisión Nacional
de Hidrocarburos



ASEA

Agencia de Seguridad,
Energía y Medio Ambiente



OIL & GAS REGULATIONS

ZERO venting and
90% efficiency standard

for all natural gas
industrial operations



MEXICO CARBON TAX FOR ALL FOSSIL FUELS

Based on the amount of carbon atoms of each fossil fuel's molecule, excluding natural gas. Applied upstream to all fuels, from coal to LPG.

The tax rate was capped at 3% of the sales price of fuel, and has collected

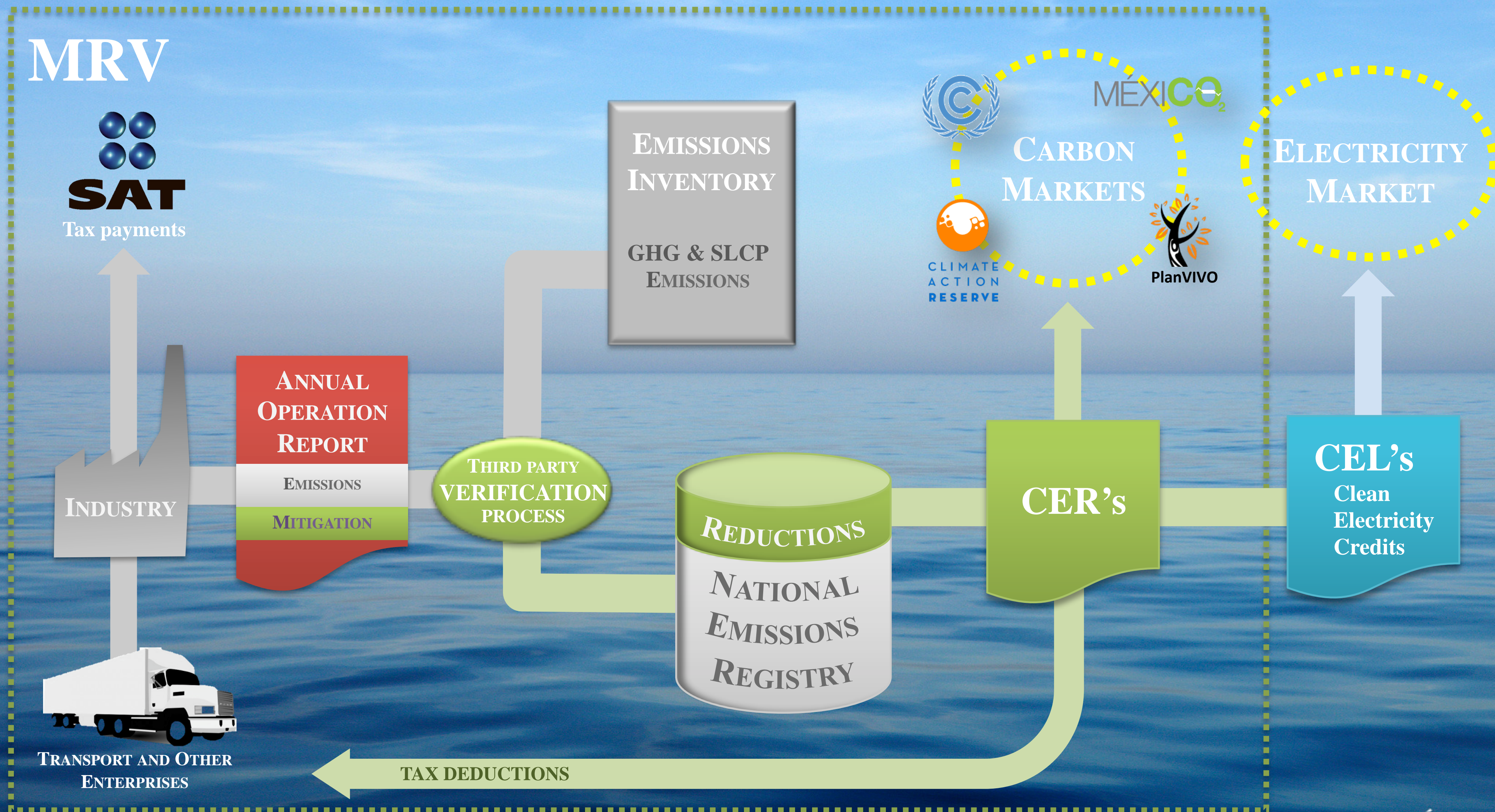
US\$1.7 billion

in three and a half years.

3.5

US dlrs per tCO₂e

MEXICO CARBON PRICING PROPOSAL



MEXICO'S CARBON MARKET

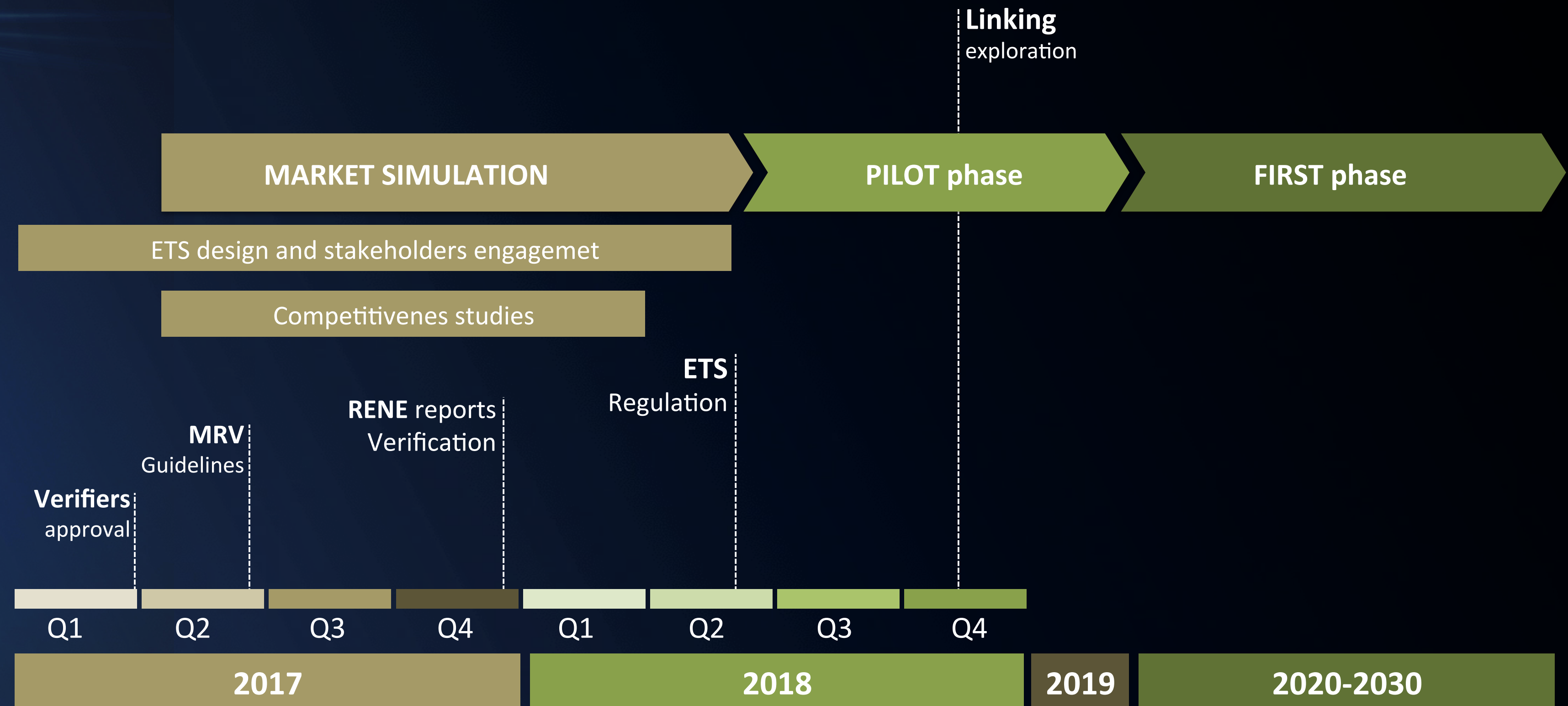
RENE
National Emissions Registry

Industries emitting
 $\geq 25,000$ tCO₂e

must report their certified
emissions and reductions.

A validation process is
performed to grant CER's

MEXICAN ROADMAP FOR THE CARBON MARKET



Artist YANN TOMA
Human Energy
Eiffel Antenna



NORTH AMERICA LINKING THE FUTURE OF LOW CARBON DEVELOPMENT

80

INDUSTRIES

23.2

MM tonnes CO₂

CAP
2013

QUEBEC

350

INDUSTRIES

162.8

MM tonnes CO₂

CAP
2013

CALIFORNIA

450

INDUSTRIES

350

M tonnes CO₂e

MÉXICO
PRESIDENCIA DE LA REPÚBLICA



THANKS

