



CAETS 2021
ARGENTINA
Engineering a Better World
THE FUTURE OF ENERGY



Buenos Aires, September 17-24, 2021

Mexico energy outlook

José Luis Fernández Zayas

A growing country profile

IEA member since 2018

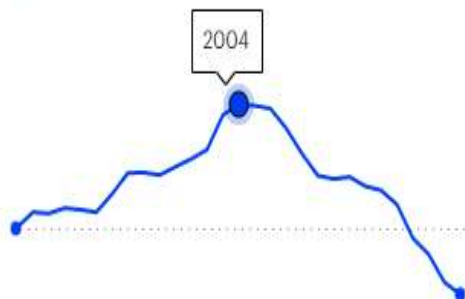
GDP billions 2015 USD
1,254.8

Population, millions
125.77



Mexico's population will grow to 150 mm by 2050

Energy production
Mtoe



264.11

↑ 35.07% from 1990

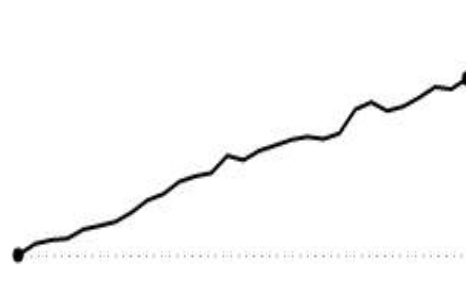
Total primary energy supply
Mtoe



180.61

↑ 46.02% from 1990

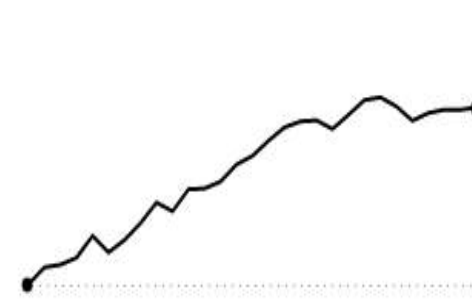
Electricity final consumption
TWh



290.13

↑ 191.65% from 1990

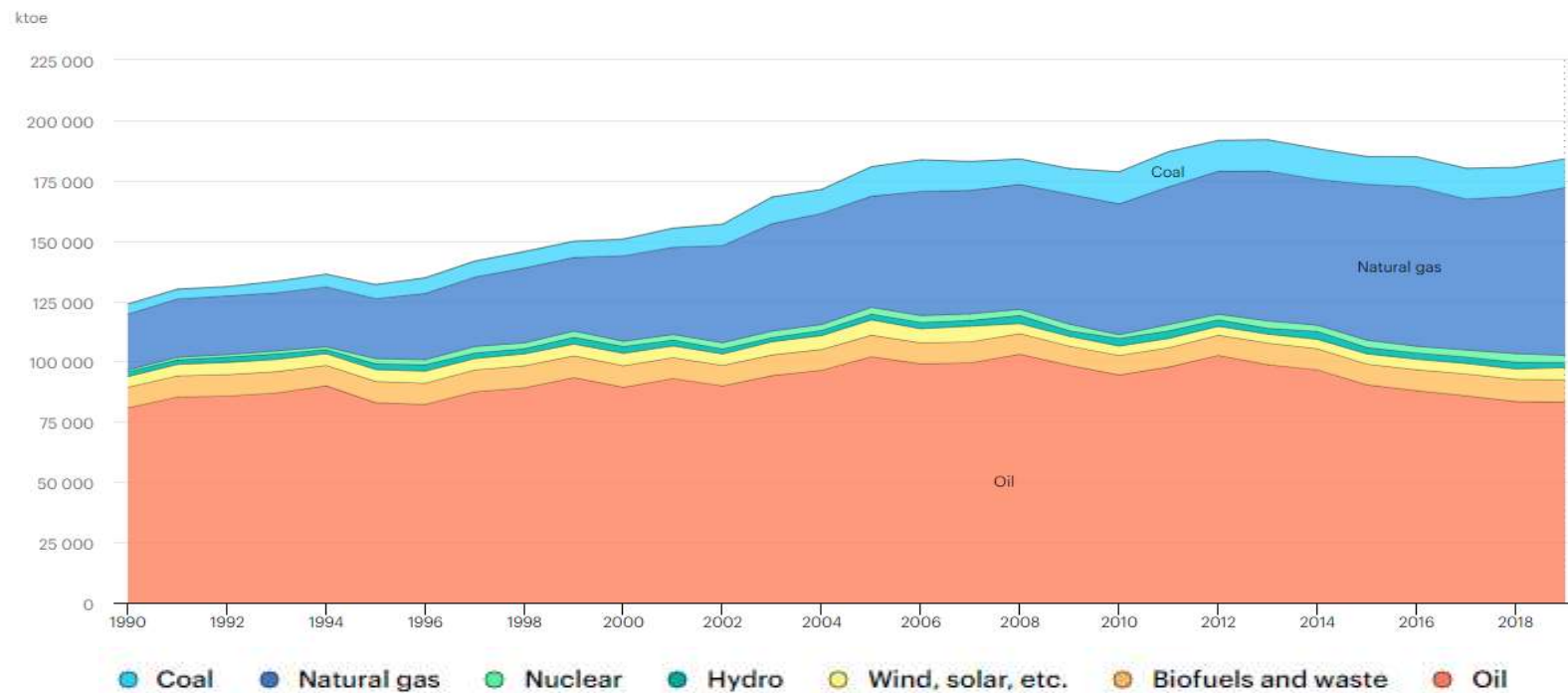
Total CO2 emissions
Mt of CO2



448.45

↑ 74.52% from 1990

Total energy supply (TES) by source

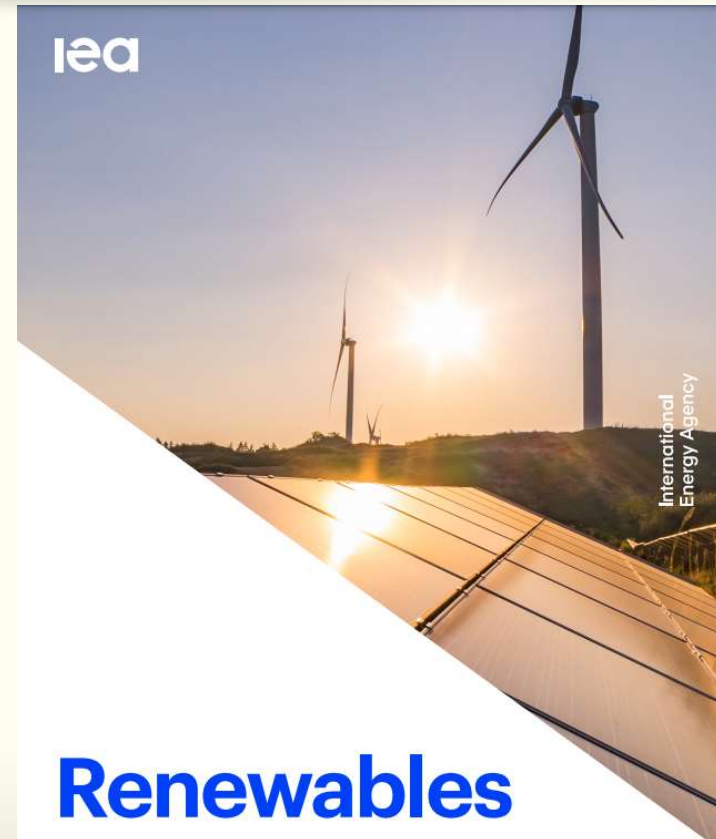


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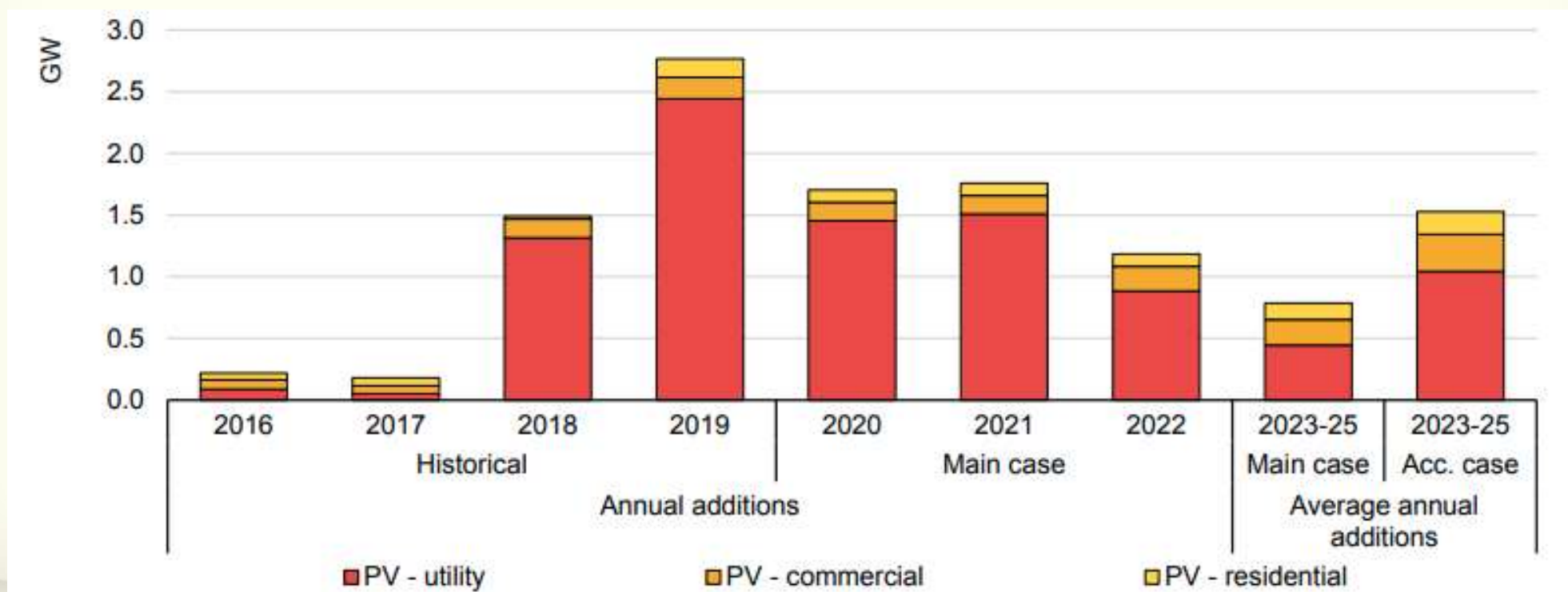
Renewables for Mexico

International
Energy
Agency

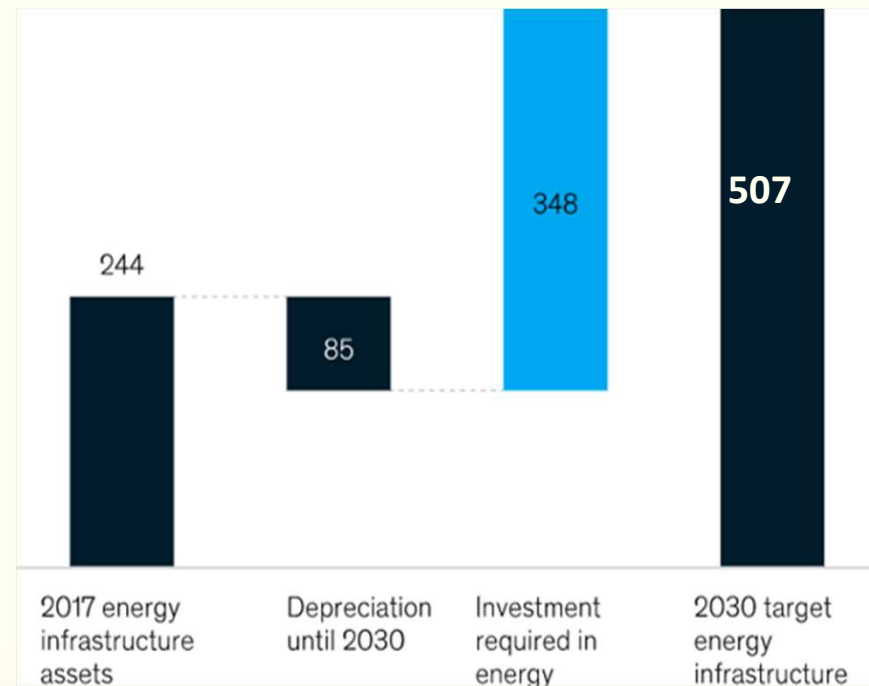
2020



PV additions 2020 estimate



Mexico's energy sector investment requirements by 2030, \$billion

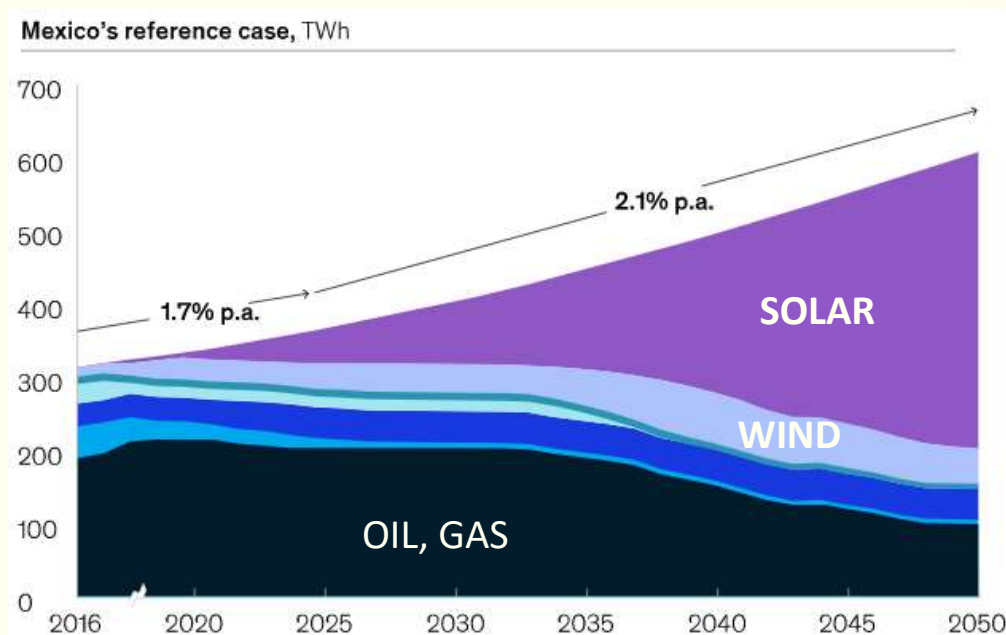


Source: McKinsey Mexico energy perspective 2019

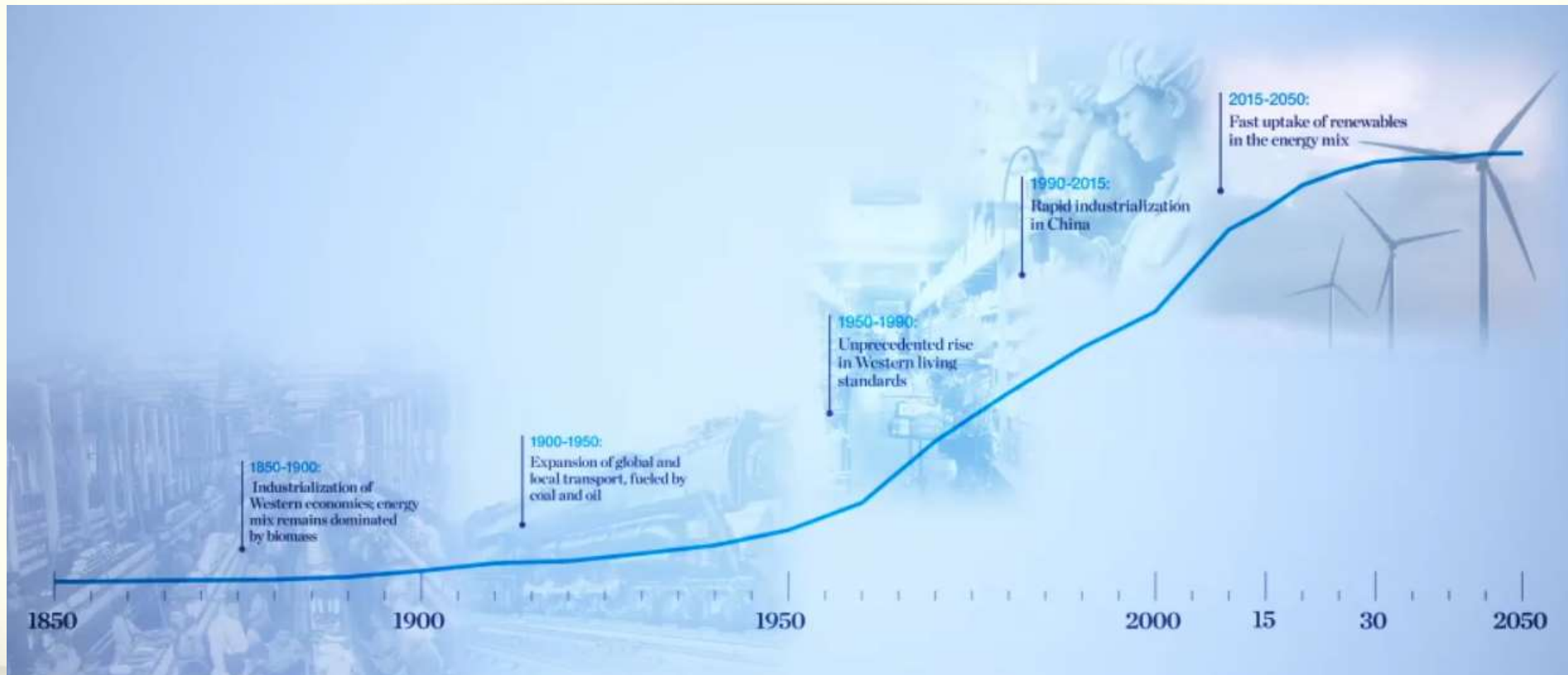
**McKinsey
& Company**

2025-2050 energy production forecast

**Renewables
could generate
75% of energy
required by
2050**



Energy demand expected to plateau around 2030





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THANK YOU

José Luis Fernández Zayas