

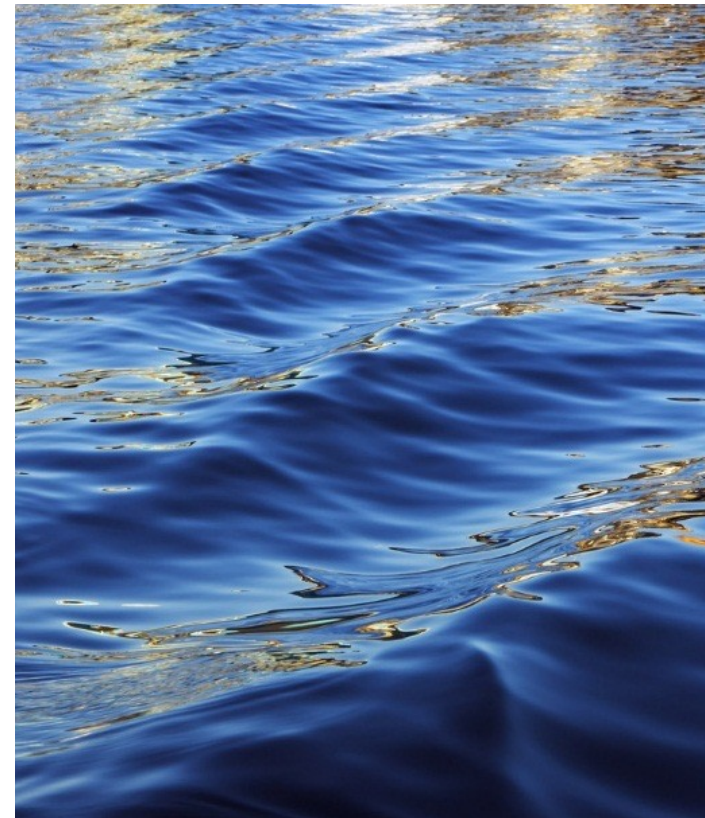


Rising to New Mexico's Climate Challenge

June 23, 2022

Distributed Energy Summit 2022:
Panel #2: Act Local

*New Mexico Environment Department -
New Mexico Climate Change Task Force*



Today's Presentation



Governor's Executive Order 2019-003




2018 Greenhouse Gas Emissions Profile



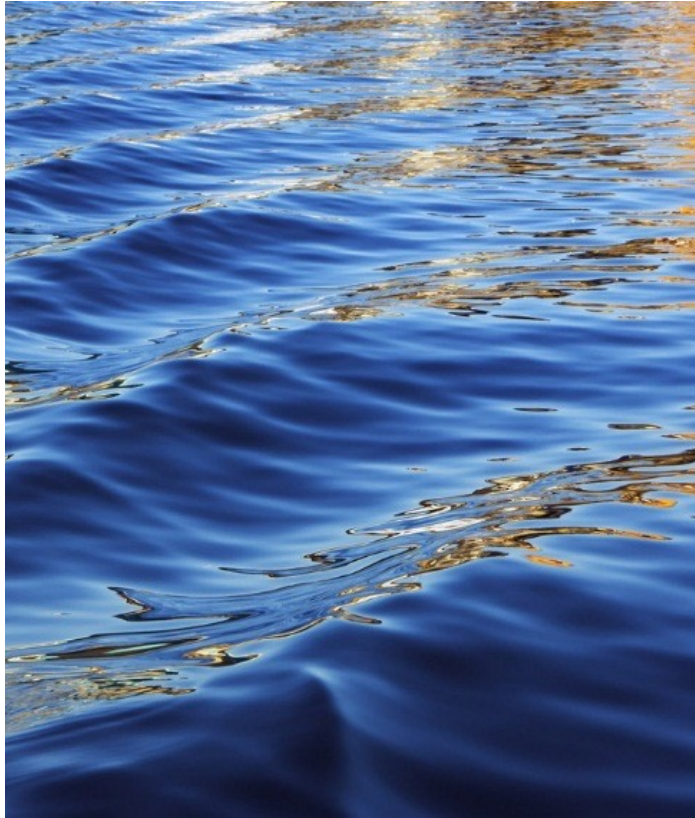
Emission Reduction Achievements



Where Are We Headed?



Executive Order On
Addressing Climate Change
and Energy Waste Prevention
(EO 2019-003)



Governor Lujan Grisham's [Executive Order 2019-003](#)

- **Join the US Climate Alliance**
- **Achieve emission reductions of at least 45% below 2005 levels by 2030**
- **Establish the Climate Change Task Force**
- **Specific Policy Initiatives:**
 - Increase the renewable portfolio standard and energy efficiency standards for electric utilities
 - Secure reductions in oil and gas methane emissions
 - Adopt zero and low emission vehicle standards
 - Adopt energy efficient building codes
 - Adopt market mechanisms



New Mexico State Agency Climate Change Task Force



Task Force composed of cabinet secretary or designate from each agency



Climate Action Teams (CATs) recommend sector-specific actions and policies



Task Force to integrate climate adaptation and mitigation practices into agency policies



New Mexico's 2018 Greenhouse Gas Emissions Profile

New Mexico's 2018 Greenhouse Gas Emission Study

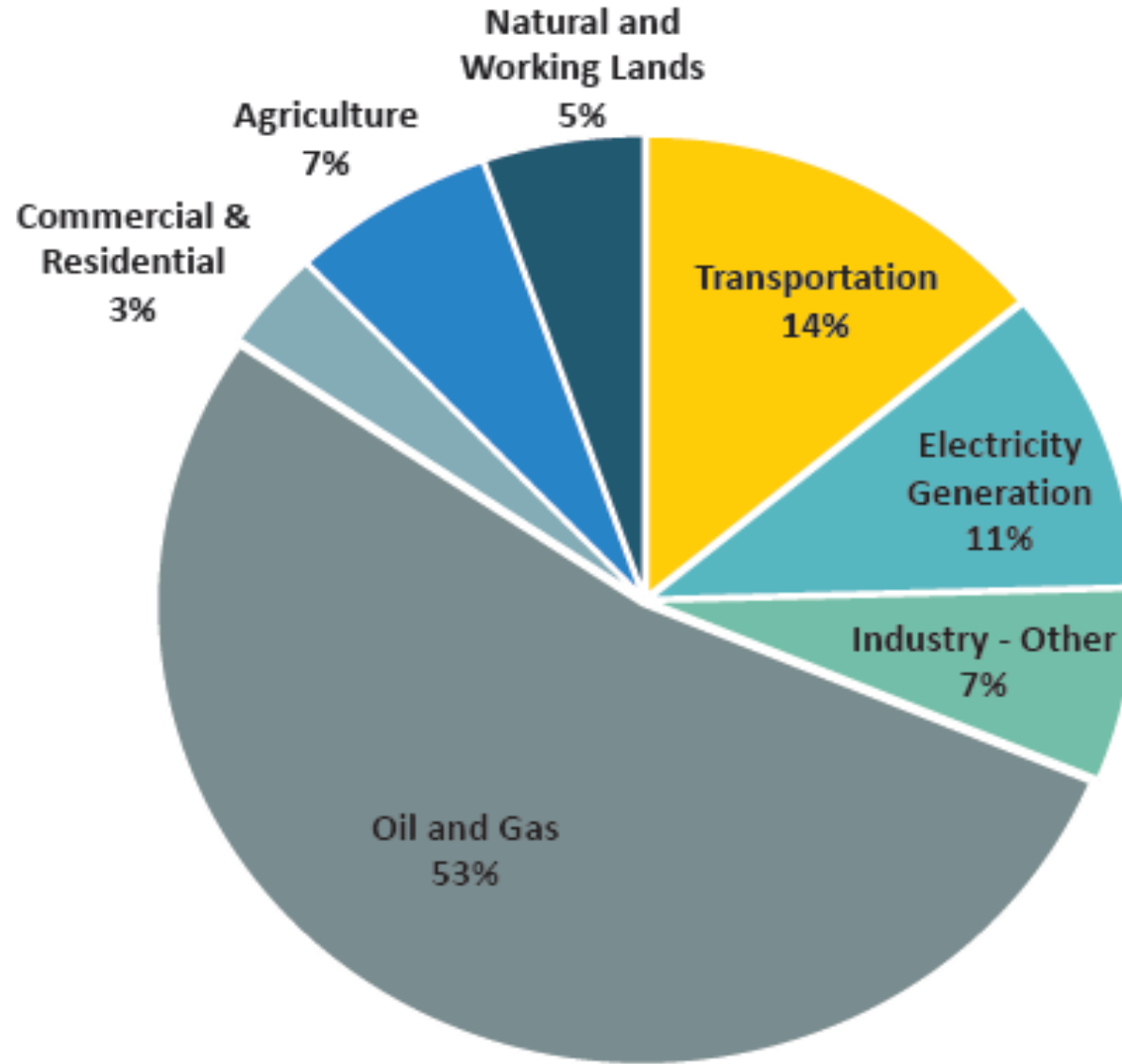
Industrial and Oil & Gas

Transportation

Electricity

Natural and Working Lands

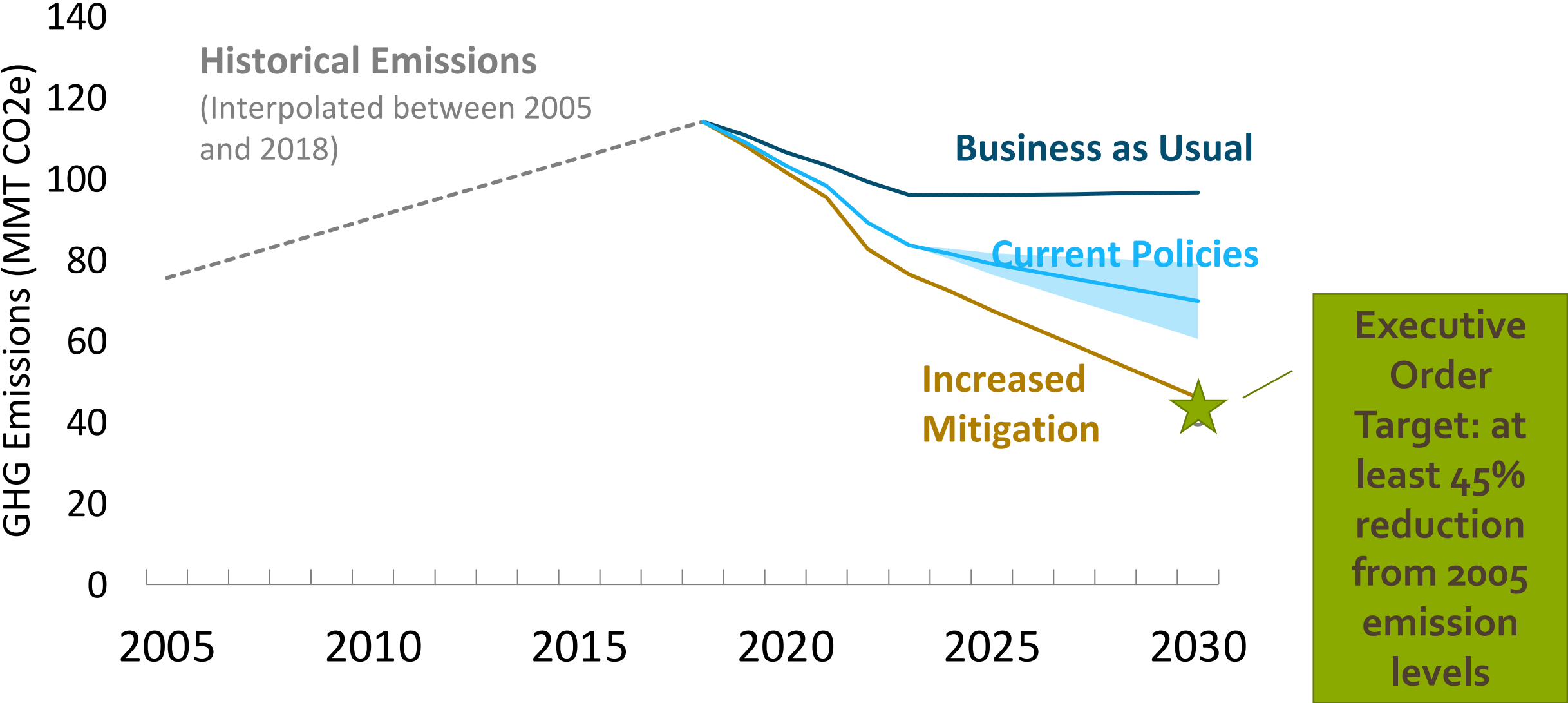
Built Environment



This Study

- Inventoried all 2005 and 2018 greenhouse gas emissions in NM
- Projects future state emissions based on current, proposed, and possible policies
- Helps us:
 - Know our baseline and target emissions levels (45% below 2005 by 2030)
 - Understand where emissions come from in our state, now and in the future
 - Prioritize where we can increase our efforts to reduce emissions

Anticipated Reductions from Executive Order Climate Actions





New Mexico's Greenhouse Gas Emissions Reduction Achievements

2019, 2020, and 2021 NM Climate Action Highlights

2019

- [Energy Transition Act](#) (addresses electricity emissions)
- [Efficient Use of Energy Act](#)
- [Electric Utility Transportation Electrification Planning](#)

2020

- [2018 New Mexico Greenhouse Gas Inventory](#)
- [Solar Market Development Tax Credit](#)
- [VW Settlement Funds Awarded to Alternately-fueled Vehicles and Infrastructure](#)

2021

- [Natural Gas Waste Rule](#) (addresses oil and gas emissions)
- [New Building Energy Code](#)
- [Grid Modernization Road Map](#)
- [Executive Order \(2021-052\) on 30 x 30 Land Conservation Framework](#)
- [Sustainable Building Tax Credit](#)
- [Community Solar Act](#)

2022

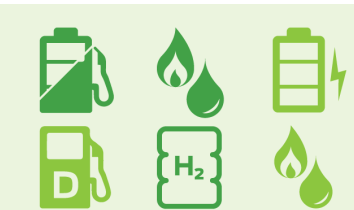
- [Community Energy Efficiency Development Block Grant](#)
- [Ozone Precursor Rule](#) (addresses oil and gas emissions)
- [Clean Car Rule](#) (low and zero-emissions for new passenger cars and trucks)
- [Executive Order 2022-013 Establishing the Clean Hydrogen Development Initiative](#)
- [National Electric Vehicle Infrastructure Program](#)
- Funding for Climate Change Bureau within NMED and other agencies



More at <https://www.climateaction.nm.gov/>

NM Environment Department Ongoing Work

- Clean Fuel Standard
- Clean Hydrogen Development Initiative
- Funds for Communities with Bipartisan Infrastructure Law
- Ozone Precursor Rule
- Clean Car Rule
- Ozone Attainment Initiatives
- Equity
- Climate Change Bureau
- Periodic Greenhouse Gas Emissions Inventory

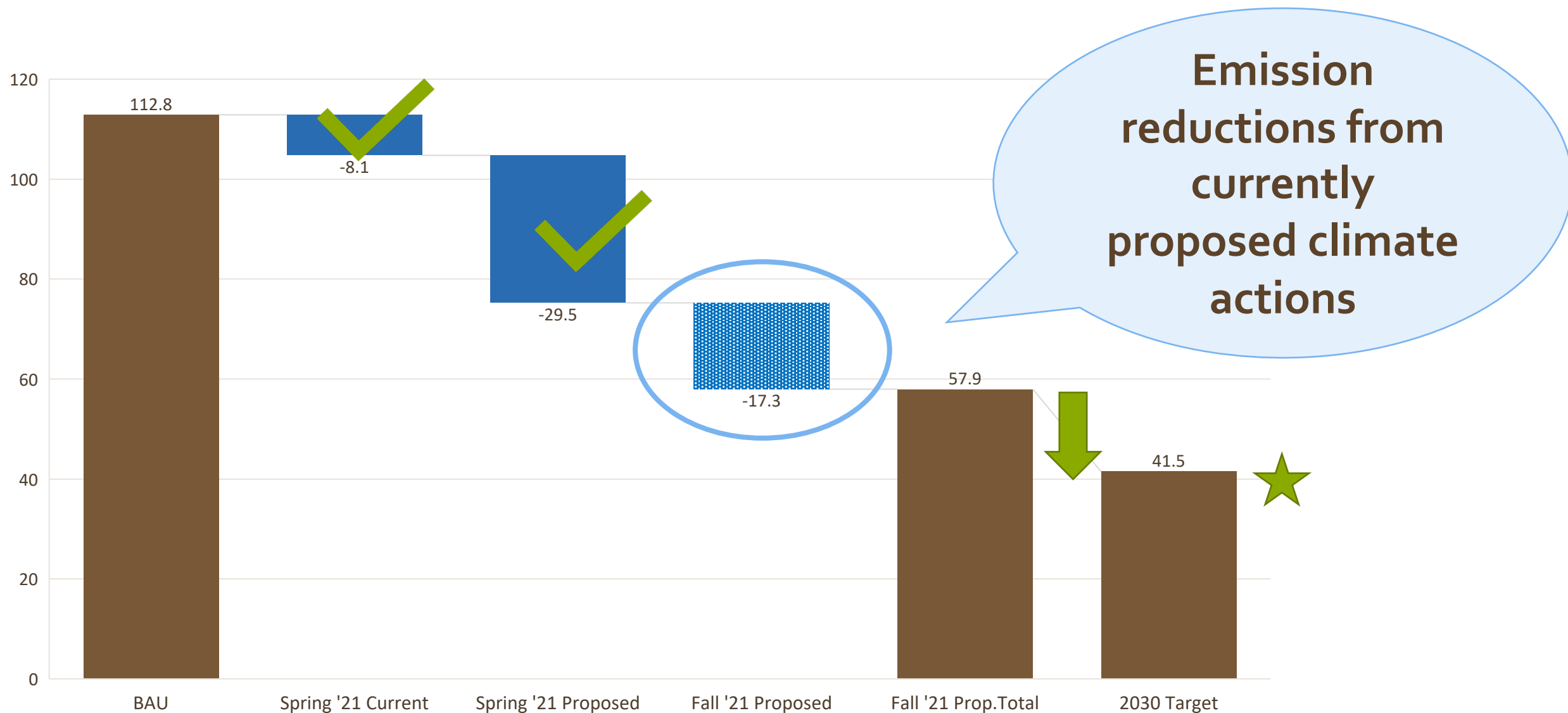




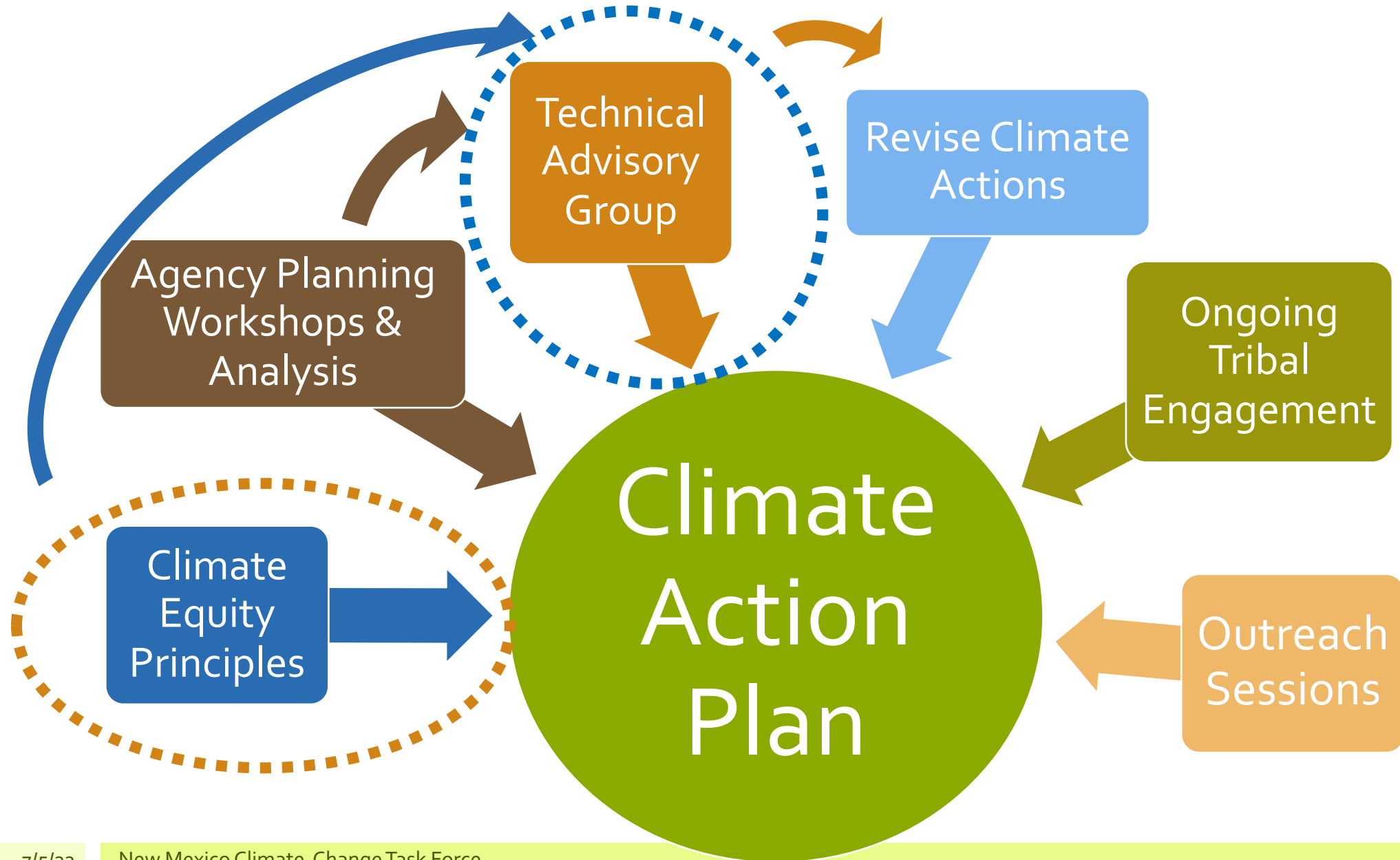
Where Are We Headed?



Proposed Climate Actions Make a Dent in 2030 Projected Emissions



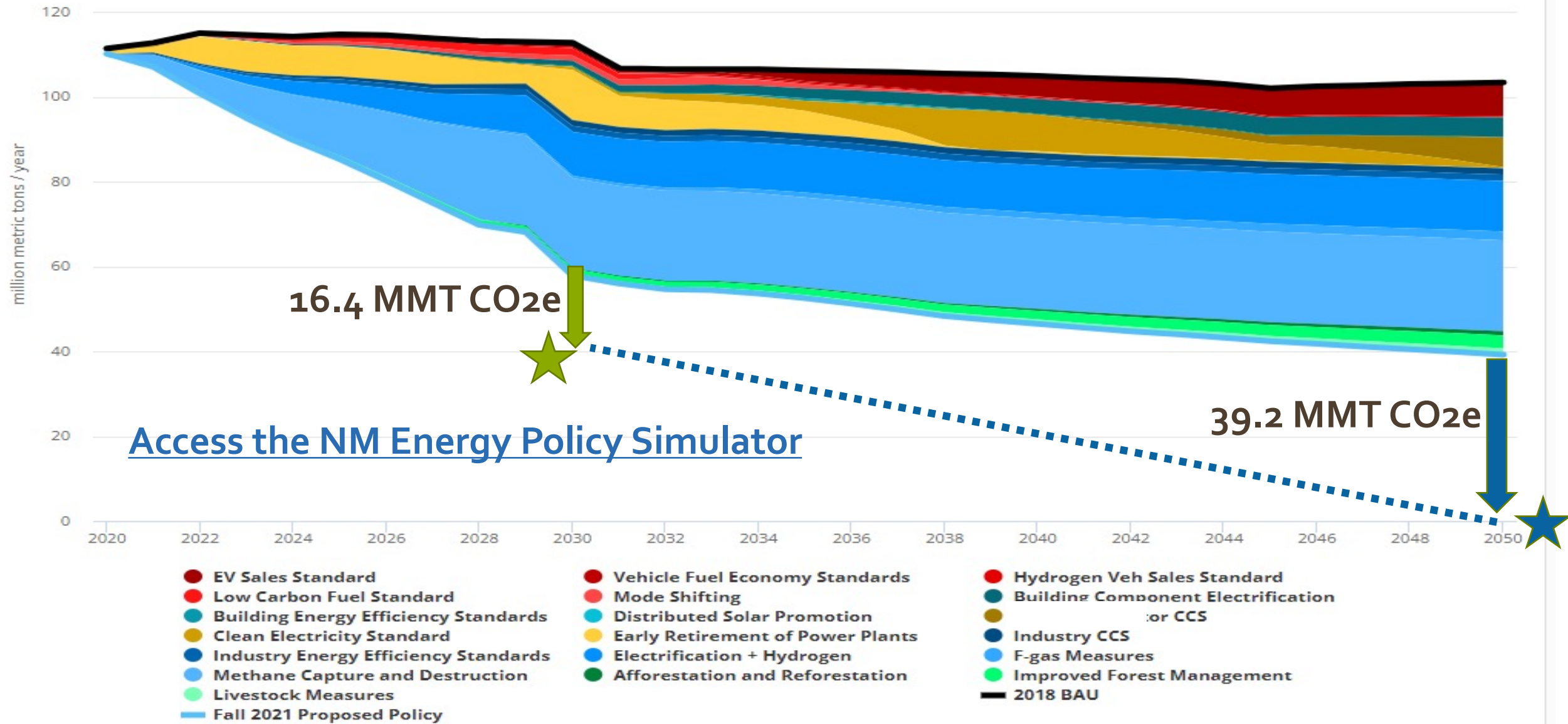
Developing New Mexico's Climate Action Plan



Possible Transportation-Related Climate Actions



New Mexico Energy Policy Simulator - Policy Wedge Diagram





Thank you!

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