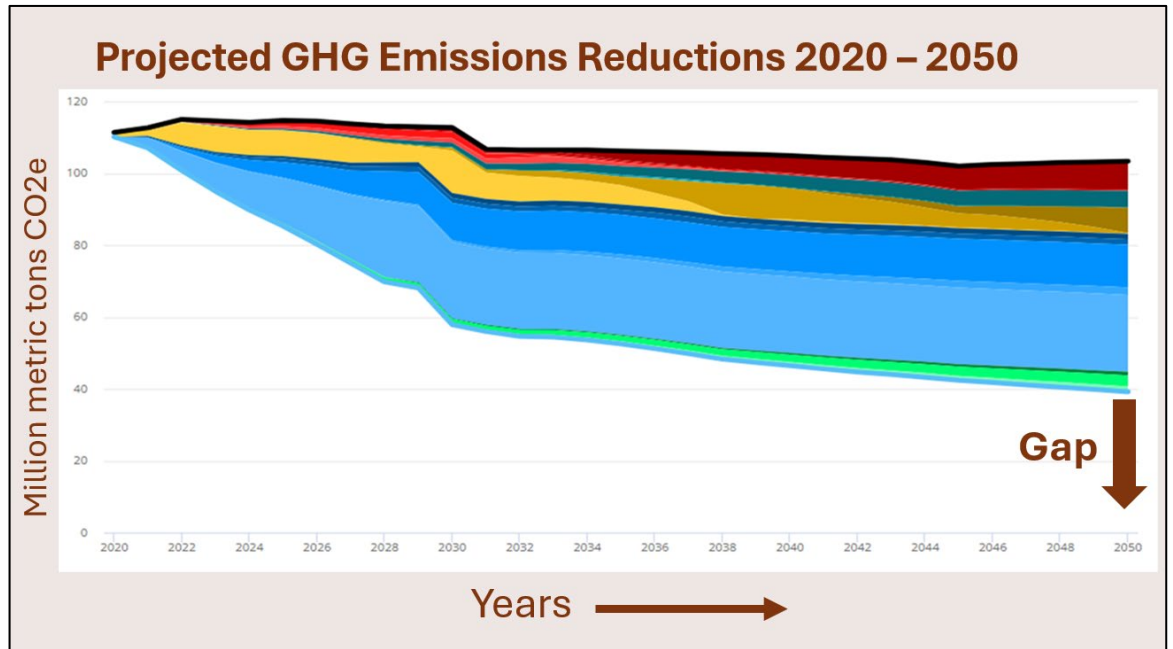




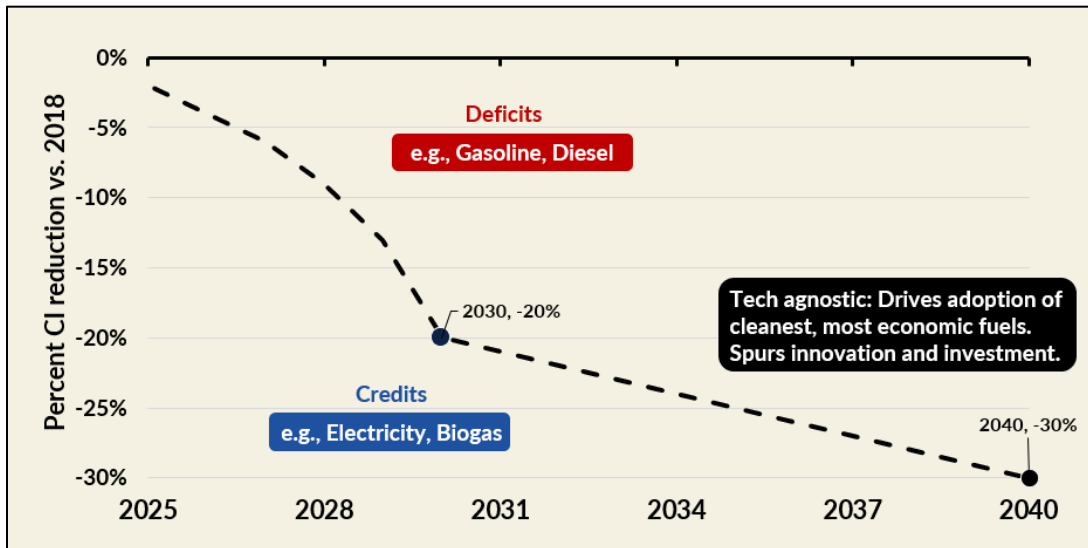
## Climate Change Update to the Water & Natural Resources Committee

July 22, 2024

Projected greenhouse gas emissions (GHG) reductions from current New Mexico climate actions to meet the goal of a 45 percent reduction by 2030 (compared to 2005 levels), and net zero by 2050.



### Clean Transportation Fuel Standard




As new, clean fuels are introduced to New Mexico, the average carbon footprint of transportation will decline over time to help achieve New Mexico's climate goals.

## NMED's Climate Pollution Reduction Grant Application Highlights

On April 1, NMED submitted grant applications to the U.S. Environmental Protection Agency (EPA) totaling \$577 million as part of the Climate Pollution Reduction Grant Program. The two grant applications further New Mexico's ambitious efforts to address climate change and air quality while expanding the economy and growing quality jobs. The grant applications focus on decarbonization of medium and heavy-duty vehicles, including semi-trucks and buses, traveling on Interstate 40 and financial incentives to defray the costs of those vehicles.

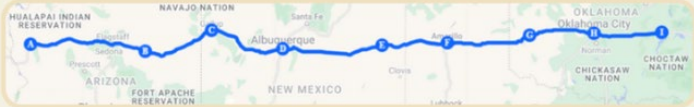
**Measure 1: Zero40**




This multi-state, priority measure reduces emissions along a major section of Interstate 40 in the Southwest U.S. (pictured below) by installing a network of

1. Clean electric charging & hydrogen refueling stations, &
2. Renewable energy generation + storage systems

for medium- & heavy-duty zero-emission trucks.



**Measure 2: Clean Truck Incentive Program**




This priority measure provides "cash-on-the-hood" vouchers to fleets, owners, & operators for the purchase or lease of medium- & heavy-duty zero-emission trucks & associated charging & refueling infrastructure. Extra incentives are available for fleets meeting certain criteria.

**Key Benefits:**

- Reduces tailpipe emissions & improves public health in NM.
- Primarily funds clean trucks to operate in NM's low-income & disadvantaged communities & Tribes.
- Creates synergy with NM's Advanced Clean Trucks (ACT) rule.

**Measure 3: Efficient & Clean Operations for Schools**



This priority measure provides "cash-on-the-hood" vouchers to schools and school districts for electric school buses & charging infrastructure. It also enhances their access to programs that

1. Can increase the efficiency of school buildings &
2. Install onsite renewable energy systems.

**Key Benefits:**

- Improves child health & learning outcomes.
- Delivers free electric buses & chargers to (mostly Title 1 & Tribal) schools in NM.
- Reduces operating costs, which can be reinvested in schools.