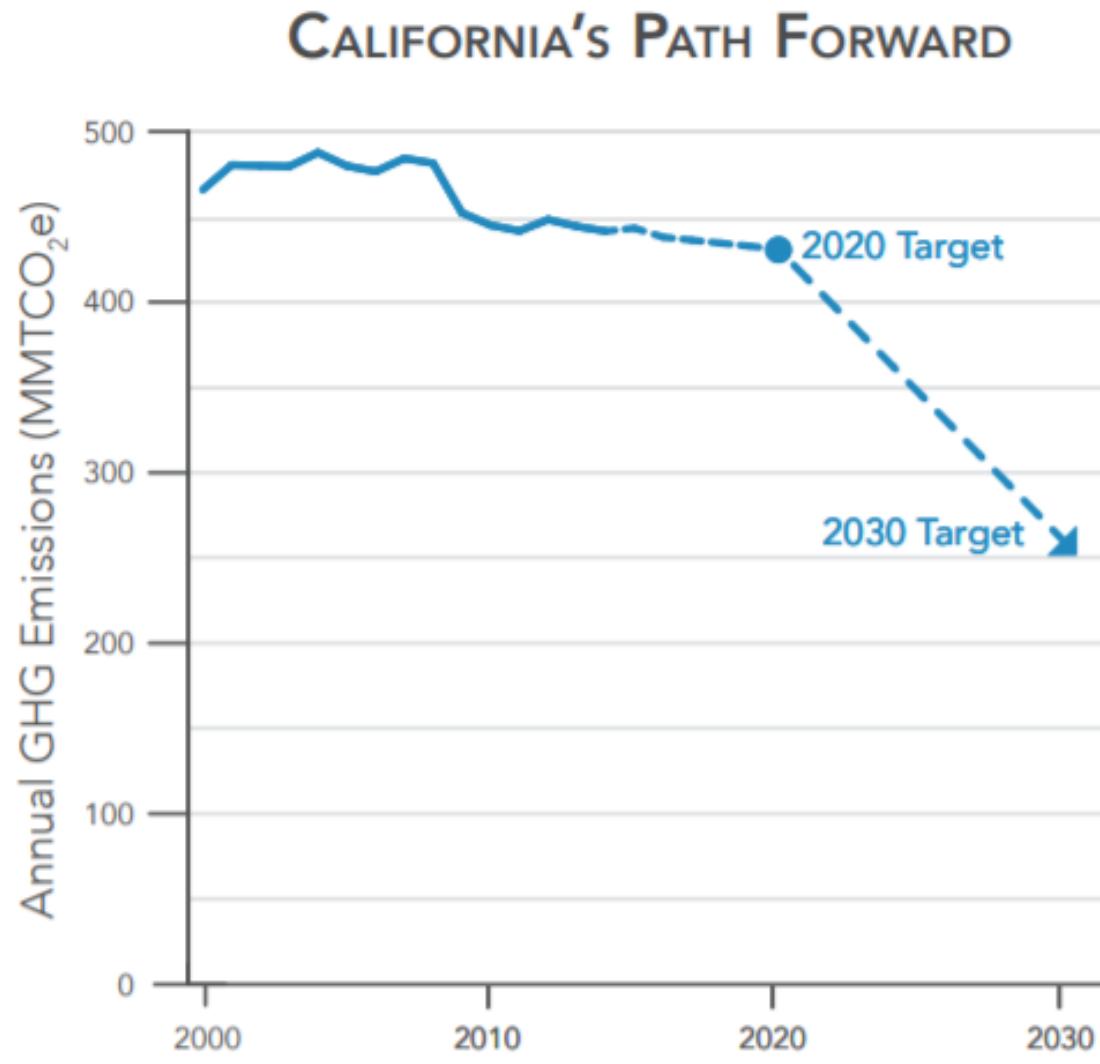




Can California Reach its Climate Targets?

May 14, 2018

California's GHG Targets



2017 Scoping Plan

CALIFORNIA'S CLIMATE POLICY PORTFOLIO



Double building efficiency



Cleaner freight and goods movement



50% renewable power



Slash potent "super-pollutants" from dairies, landfills and refrigerants



More clean, renewable fuels



Cap emissions from transportation, industry, natural gas, and electricity



Cleaner zero or near-zero emission cars, trucks, and buses



Invest in communities to reduce emissions



Walkable/Bikeable communities with transit

California is home to 50% of the ZEVs in the United States

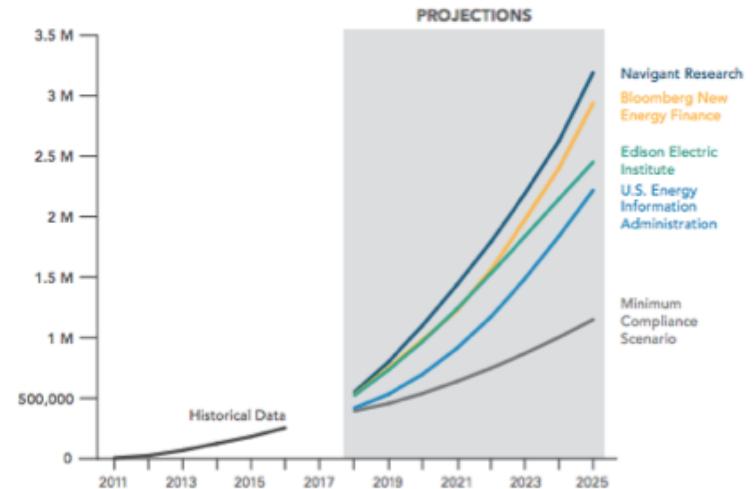
California is home to

NEARLY **50%**
OF THE ZEVs
IN THE U.S.


 **40%**
OF NORTH AMERICAN
CLEAN FUEL
INVESTMENTS

&
90% OF TOTAL U.S. INVESTMENT IN
CLEAN TRANSPORTATION

CUMULATIVE CALIFORNIA ZEV SALES PROJECTIONS



Cap and trade dollars are being reinvested to further reduce emissions

CAP-AND-TRADE DOLLARS AT WORK (2017)



Nearly 30,000 projects installing efficiency measures in homes



105,000+ rebates issued for zero-emission and plug-in hybrid vehicles



16,000+ acres of land preserved or restored



200+ transit agency projects funded, adding or expanding transit options



6,200+ trees planted in urban areas



1,100+ new affordable housing units under contract

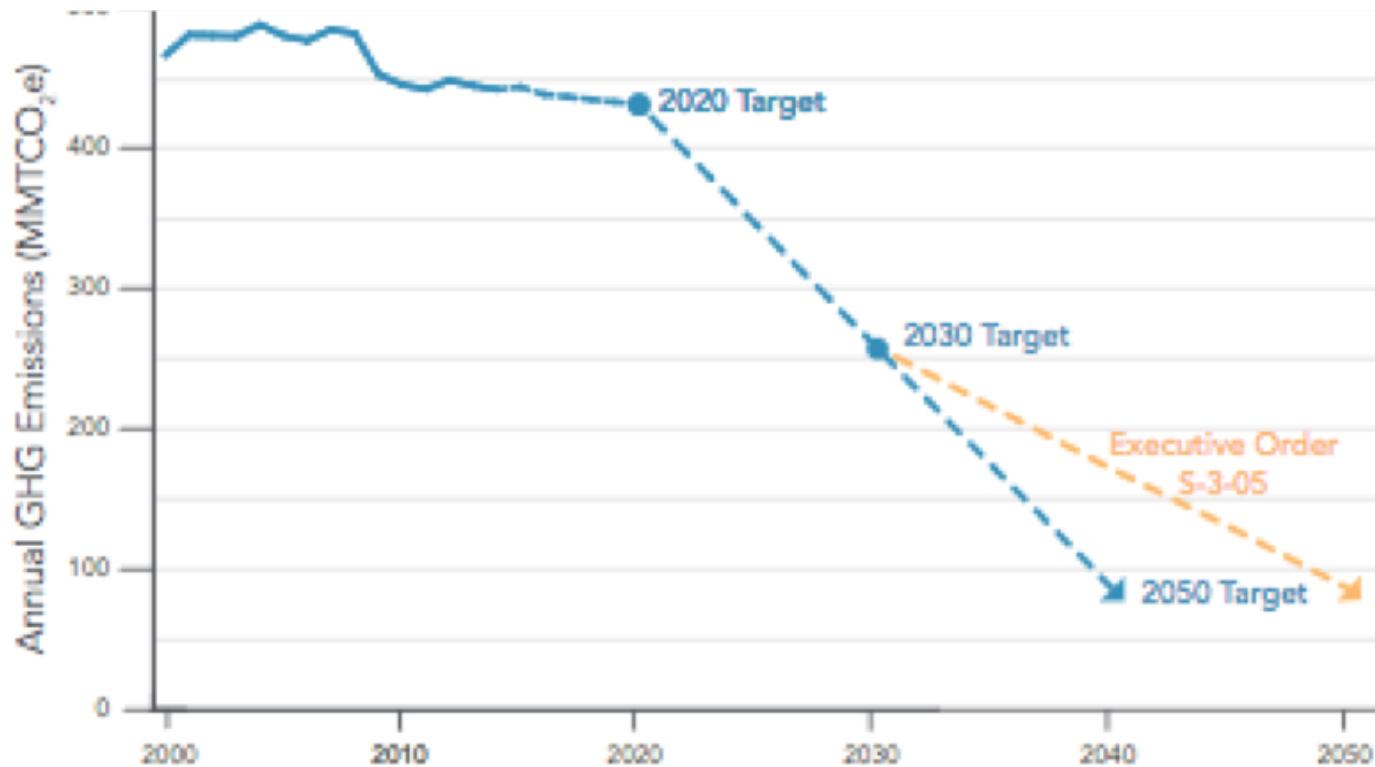


50% of projects benefiting Disadvantaged Communities (\$614M)



140,000+ total projects implemented

Plotting California's Path Forward



Natural and Working Lands (NWL)

- Natural and working lands play a critical and complementary role in addressing climate change
- Objectives
 - Net zero or negative GHG emissions, and
 - Minimize, where appropriate, net GHG and black carbon emissions
- Target
 - Preliminary intervention-based goal for sequestering and avoiding emissions by at least 15-20 MMT CO₂e by 2030 through existing pathways and new incentives
 - Higher target to be evaluated as part of NWL Implementation Plan development



2017 Scoping Plan Benefits

Climate Plan Provides Health Benefits in 2030

AVOIDED
PREMATURE DEATHS



~ 3,300

VALUE OF AVOIDED
HEALTH IMPACTS



\$1.2-1.8 billion

VALUE OF AVOIDED
DAMAGES USING
SOCIAL COST OF CARBON



\$1.9-11.2 billion

2017 Scoping Plan Benefits

FROM 2002-2015 SAN JOAQUIN VALLEY
renewable energy projects



GENERATED
\$11.6 BILLION

in economic activity 

CREATING
31,000 DIRECT JOBS &
57,000 INDIRECT JOBS

California's 2030 Vision

