



CALIFORNIA
AIR RESOURCES BOARD

Clearing California Skies for 50 Years

CALIFORNIA'S CLIMATE GOALS AND POLICIES

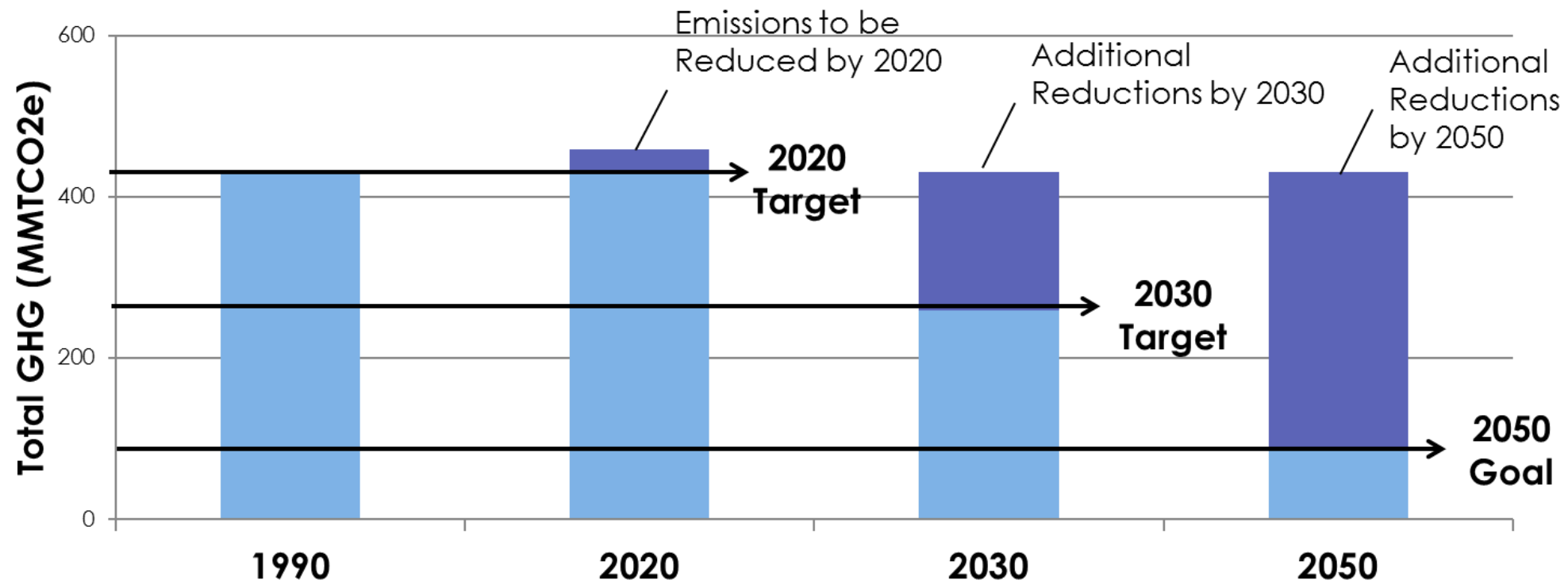
CALIFORNIA AIR RESOURCES BOARD

The California Air Resources Board is part of the California Environmental Protection Agency, an organization which reports directly to the Governor's Office in the Executive Branch of California State Government.

Mission

- To promote and protect public health, welfare and ecological resources through the effective and efficient reduction of air pollutants while recognizing and considering the effects on the economy of the State.

KEY CLIMATE LEGISLATION AND EXECUTIVE ORDERS



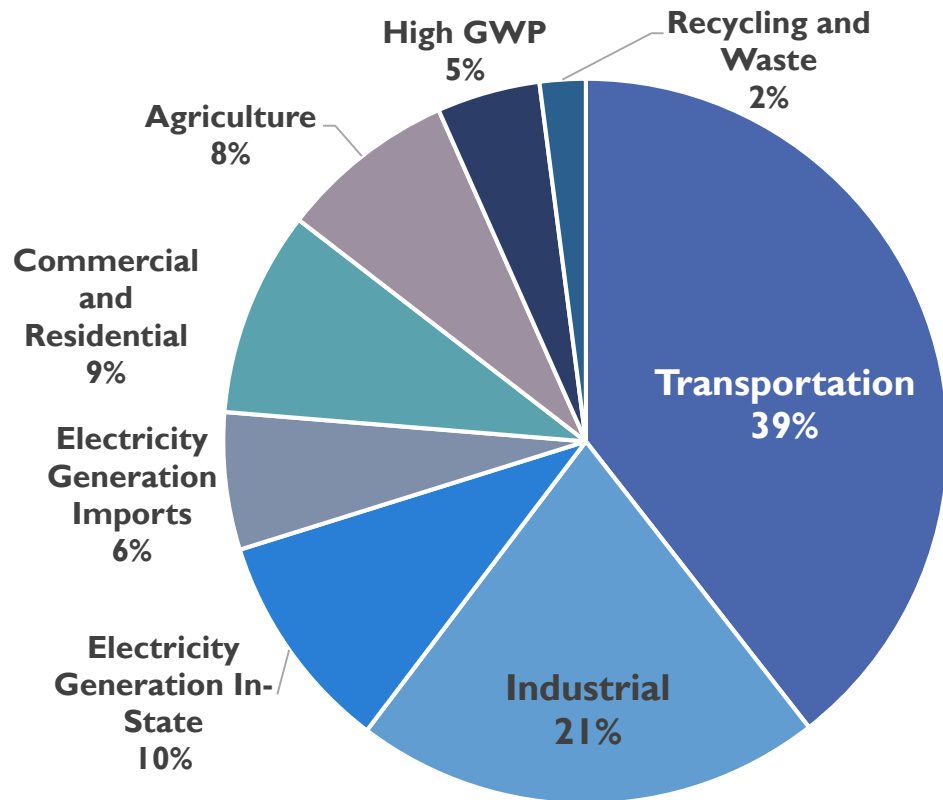
Note: MMT = Million Metric Tons

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THE PORTFOLIO APPROACH

TRANSPORTATION IS A KEY FOCUS




2016 Total CA Emissions: 429.4 MMTCO₂e

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

MOBILITY, CLEANER VEHICLES AND LOW-CARBON FUELS

- Vehicle use, transit, infrastructure, and land use
- Advanced Clean Cars (& ZEV) Regulation
- ZEV infrastructure
- Incentives, outreach and education for zero-emission-vehicle (ZEV) buyers
- Cap and Trade, Low Carbon Fuels Standard
- Heavy Duty Vehicle Regulations
- Compliance and enforcement

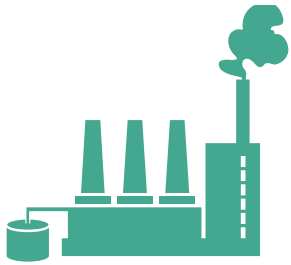


MOBILITY



- ***One legislative initiative, California's Sustainable Communities Act of 200 or "Senate Bill 375" sets greenhouse gas reduction targets on regions for passenger travel.***

CAP AND TRADE



reducing greenhouse
gas emissions



maintaining
cost effectiveness



supporting economic
growth & competitiveness



ensuring affordability
for californians



investing in
communities



promoting
global leadership

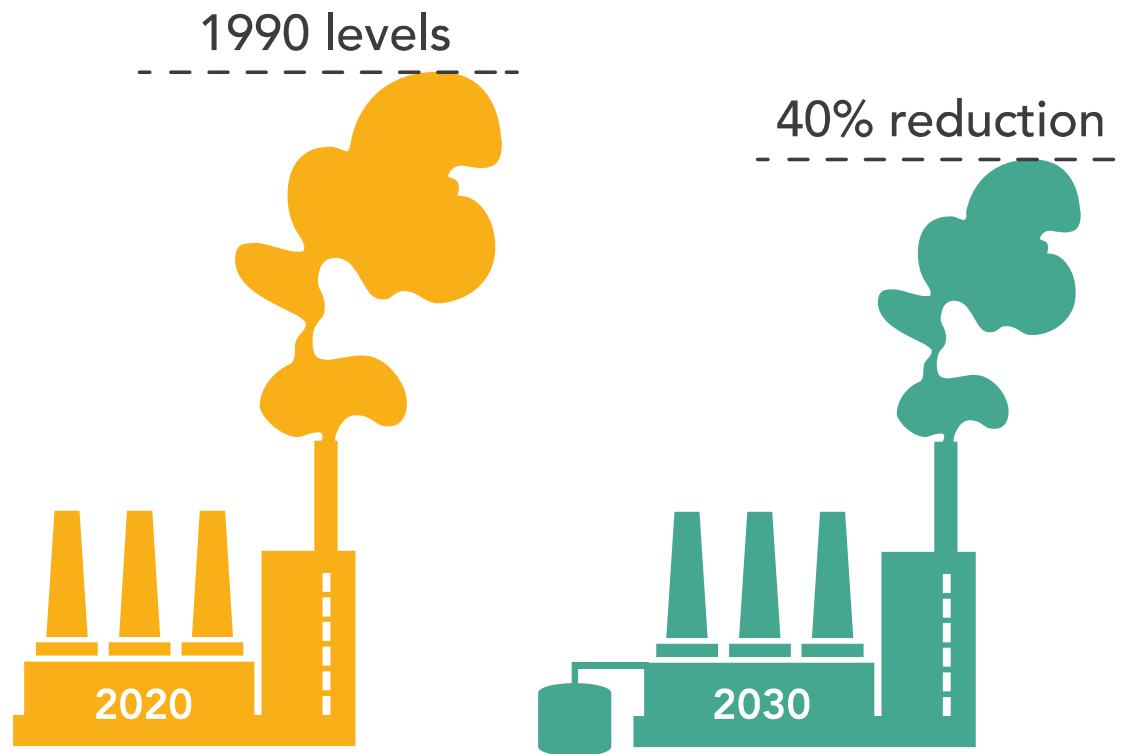
CAP-AND-TRADE PROGRAM: CRITICAL TO ACHIEVE SB 32 TARGET

The Scoping Plan with
Cap-and-Trade is

35%

MORE LIKELY TO ACHIEVE
California's 2030 GHG target

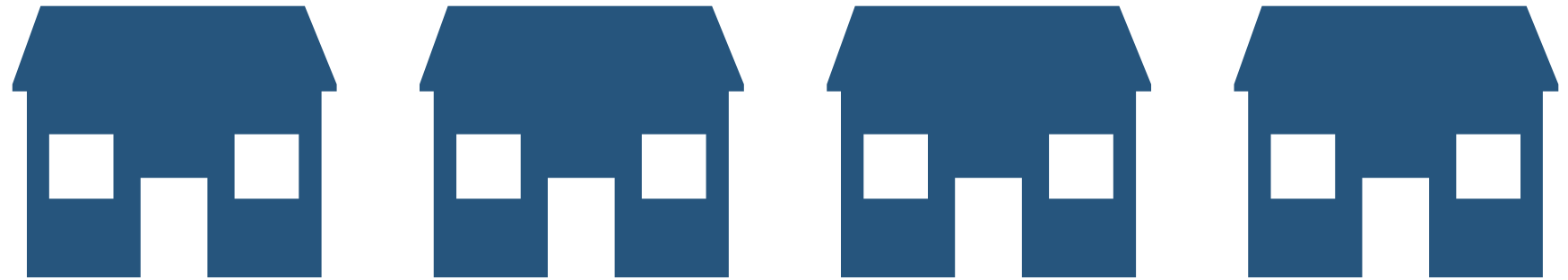
compared to command-and-control only alternatives



If California is not on track to meet the target, additional regulatory actions would be needed

CAP-AND-TRADE PROGRAM: COST EFFECTIVE

Cap-and-trade is 4X less costly



TO CALIFORNIA HOUSEHOLDS THAN ALTERNATIVE REGULATIONS

That could have been imposed

CAP-AND-TRADE PROGRAM: INVESTING IN COMMUNITIES

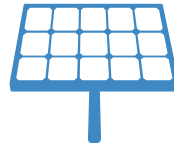
Since 2014 **\$8.4 Billion** appropriated



affordable
housing



public
transportation



renewable
energy



zero-emission
vehicles



environmental
restoration



recycling



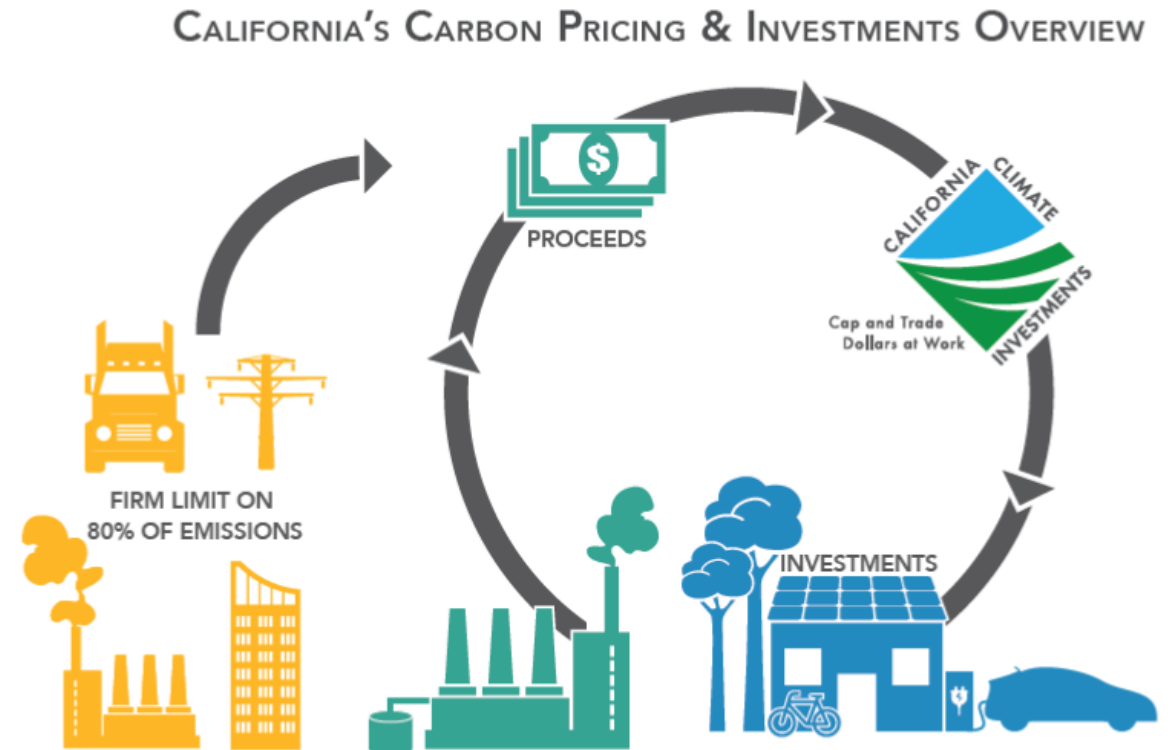
sustainable
agriculture



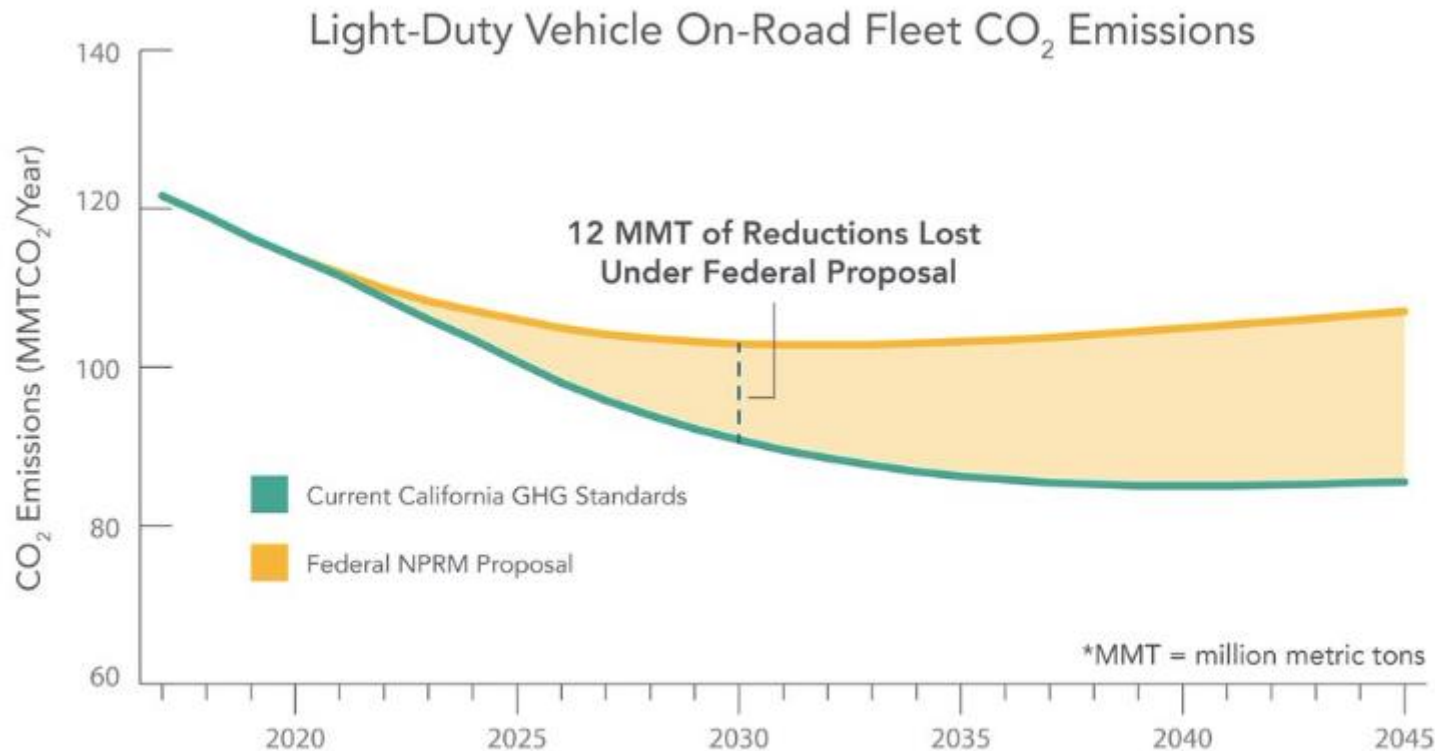
and
much more

LOW CARBON TRANSPORTATION PROGRAM INVESTMENTS

- Clean Vehicle Rebate Program (CVRP)
- Clean Vehicle Assistance Program
- Transportation Equity Projects to Increase Access
- Clean Truck and Bus Voucher Incentive Project
- Freight projects: demonstrations and early commercial pilots for clean engines and facilities



PROTECTING PROGRESS ON VEHICLE STANDARDS



Board action ensures federal rollback on fuel efficiency and emission standards won't impact California vehicles

CALIFORNIA'S ECONOMY IS GROWING WHILE BECOMING LESS CARBON INTENSIVE

