

Senate Select Committee on Climate Change and AB32 Implementation

Advancing Cleantech Innovation in the San
Fernando Valley

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California Environmental Protection Agency
 **Air Resources Board**

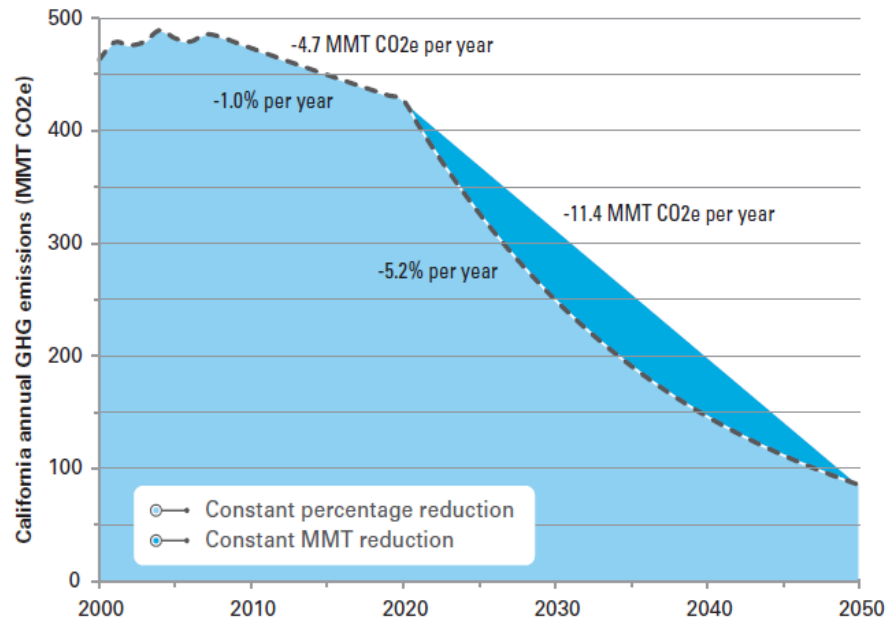
California Air Resources Board

- Ensures progress to attain ambient air quality standards (Clean Air Act)
- Reduces public exposure to toxic air contaminants
- Reduces greenhouse gas emissions

Greenhouse Gas Reduction

- AB32 Climate Change Program
 - Achieve 1990 emissions level by 2020
- Gov. Executive Order S-3-05
 - Achieve 80% below 1990 levels by 2050
- Scope of challenge and opportunity for innovation will continue to increase

Framing the Path to 2050



http://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf

AB 32 Drives Innovation

- Carbon pricing shifts investment decisions towards clean technologies
- Public funding accelerates green infrastructure and advanced technology
 - e.g. Cap and Trade Auction Proceeds

Cap and Trade Auction Proceeds FY 2014-15 Appropriations by Agency

HSRA - High Speed Rail	\$ 250M
CalSTA/Local Transit Agencies - Low Carbon Transit Operations	\$ 25M
Caltrans/CTC - Transit and Intercity Rail Capital Program	\$ 25M
SGC - Affordable Housing & Sustainable Communities	\$ 130M
ARB - Low Carbon Transportation	\$ 200M
CSD - Energy Efficiency Upgrades / Weatherization	\$ 75M
CEC - Energy Efficiency for Public Buildings	\$ 20M
CDFA - Agricultural Energy and Operational Efficiency	\$ 15M
CDFW - Wetlands and Watershed Restoration	\$ 25M
CAL FIRE - Fire Prevention and Urban Forestry Projects	\$ 42M
Cal Recycle - Waste Diversion	\$ 25M
Total	\$ 832M

Legislature also amended FY 2013-14 budget to provide funds to DWR, CDFA, and ARB

Affordable Housing & Sustainable Communities

- \$130M: Strategic Growth Council
- Projects that reduce GHG emissions, such as:
 - Affordable housing near transit
 - Transportation/transit infrastructure
 - Active transportation programs
 - Transit ridership programs
 - Agricultural land preservation

Low Carbon Transportation

- \$200M: Air Resources Board
- Projects that reduce GHG emissions, such as:
 - Zero/near-zero passenger veh. rebates
 - Heavy-duty hybrid/ZEV trucks/buses
 - Freight demonstration projects
 - Pilot programs to benefit disadvantaged communities

Thank you

ARB's Cap and Trade Auction Proceeds website:

<http://www.arb.ca.gov/auctionproceeds>

Information and links to implementing agencies:

<http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/ggrfprogrampage.htm>