



Air Resources Board



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Secretary for
Environmental Protection

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Edmund G. Brown Jr.
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September 30, 2015

OCTOBER 16, 2015 PUBLIC WORKSHOP TO DISCUSS THE DISCUSSION DRAFT OF THE ARB MOBILE SOURCE STRATEGY

The California Air Resources Board (ARB or Board) staff invites you to participate in a workshop on Friday, October 16, 2015, regarding the discussion draft of ARB staff's proposed mobile source strategy. The proposed strategy is designed to simultaneously meet federal air quality standards, achieve greenhouse gas emission reduction targets, reduce petroleum consumption, and decrease health risk from transportation sources over the next fifteen years. At the workshop, staff will also provide an overview of ARB's process for preparing the environmental analysis (EA) and its content.

In addition to the public workshop, staff will provide the Board an informational briefing on October 22, 2015. Both the workshop and the Board meeting will provide the public with the opportunity to comment on the strategy. After the October Board meeting, staff will work with stakeholders to develop detailed measures for incorporation into related planning efforts.

The public workshop will be held at the following location:

Date:	Friday, October 16, 2015
Time:	9:00 a.m. – 12:30 p.m.
Location:	Cal/EPA Headquarters Building Byron Sher Auditorium 1001 I Street Sacramento, CA 95814

Directions to the California Environmental Protection Agency (Cal/EPA) headquarters and public transit can be found at the Cal/EPA website at <http://www.calepa.ca.gov/epabldg/location.htm>.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Webcast and Workshop Materials

For those unable to attend in person, the Sacramento workshop will be webcast, and can be accessed on the day of the workshop at:

<http://www.calepa.ca.gov/Broadcast/>. Webcast participants will be able to send questions or comments to auditorium@calepa.ca.gov. Workshop materials will be posted in advance of the workshop at <http://www.arb.ca.gov/planning/sip/2016sip/2016mobsrc.htm>.

Special Accommodations or Language Assistance

If you require special accommodation or need this document in an alternate format or language, please contact Ms. Sara Cain at (916) 322-7305 or sara.cain@arb.ca.gov as soon as possible. TTY/TDD/Speech to Speech users may dial 711 for California Relay Service.

Workshop Information and Background

Over the next 15 years, California will need to build upon its successful efforts to meet critical air quality and climate goals. These include:

- Attaining federal health-based air quality standards for ozone in 2023 and 2031 in the South Coast and San Joaquin Valley, and fine particulate matter (PM2.5) standards in the next decade,
- Achieving greenhouse gas (GHG) emission reduction targets of 40 percent below 1990 levels by 2030,
- Reducing our petroleum use by up to 50 percent by 2030,
- Minimizing health risk from exposure to toxic air contaminants, and
- Increasing energy efficiency and deriving 50 percent of our electricity from renewable sources by 2030.

Accomplishing these complementary goals will provide much needed public health protection for the millions of Californians that still breathe unhealthy air, and reduce exposure in disadvantaged communities, especially in light of new information regarding the sensitivity of children to toxic emissions early in life. Meeting California's GHG emission reduction targets is an essential part of the global action needed to slow global warming and achieve climate stabilization. Finally, actions to meet California's public

health and climate goals will reduce our dependence on petroleum and establish a more secure energy future.

Mobile sources - cars, trucks, and a myriad of off-road equipment - and the fossil fuels that power them are the largest contributor to the formation of ozone, PM2.5, diesel particulate matter, and GHG emissions in California. They are responsible for approximately 80 percent of smog-forming nitrogen oxide (NOx) emissions, 95 percent of diesel particulate matter emissions, and 50 percent of GHG emissions. Given this contribution, significant cuts in pollution from these sources are needed.

Proposed Mobile Source Strategy

ARB's current mobile source programs, along with efforts at the local and federal level, have achieved tremendous success in reducing emissions, resulting in significantly cleaner vehicles and equipment in operation today. Current control programs will reduce NOx and diesel PM emissions over 50 percent from today's levels by 2030, positioning California to meet our 2020 GHG target and provide approximately half the petroleum reductions needed by 2030. These programs provide a significant down payment on the needed emission reductions. Nonetheless, meeting all of our air quality and climate goals will require large reductions beyond those occurring under existing programs.

The actions identified as part of the proposed strategy would establish requirements for cleaner technologies (both zero and near-zero), deploy these technologies into the fleet, require cleaner fuels, and ensure continued clean performance in use. Actions to accelerate the deployment of cleaner technologies through incentives, efficiency increases in moving people and freight, and support for the use of advanced transportation technologies such as intelligent transportation systems and autonomous vehicles are also needed. Taken together, these actions would provide the reductions necessary from mobile sources to achieve federal health-based air quality standards for ozone in 2023 and 2031, reduce GHG emissions to 40 percent below 1990 levels by 2030, reduce our transportation-related petroleum use by up to 50 percent by 2030, and decrease regional and near-source health risk from exposure to toxic air contaminants.

The proposed mobile source strategy supports multiple planning efforts that are underway to address these goals. These include State Implementation Plans (SIP) required under the Clean Air Act to meet federal air quality standards, California's climate change Scoping Plan to meet GHG reduction goals, the Short-Lived Climate Pollutant Plan to reduce potent short-lived climate forcers, and the California Sustainable Freight Action Plan to create a cleaner, more efficient freight transport system.

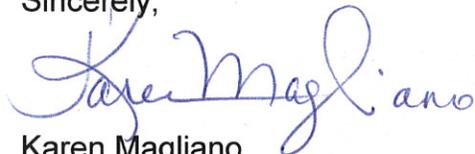
Under the Clean Air Act, SIPs to meet federal air quality standards must identify both the magnitude of emissions reductions needed and the actions necessary to achieve those reductions by the required attainment deadline. Given the severity of ozone levels in the South Coast, meeting the ozone standards in this region will drive the scope and timing of regional emission reduction needs. The report therefore also outlines a coordinated suite of proposed measure concepts that provide the regulatory and programmatic mechanisms to implement the SIP related requirements of the mobile source strategy, and estimated NOx reductions in the South Coast. Subsequent planning work by ARB and other State agencies will further refine and expand on the additional actions, such as those for renewable fuels, through the Scoping Plan Update process, and further efficiency activities through the California Sustainable Freight Action Plan.

Environmental Analysis

At the Workshop, staff will also provide an overview of ARB's process for preparing the EA and its content required before the Board considers measures for a SIP. Staff welcomes public input at the workshop on the appropriate scope and content of the EA at the beginning of our process, including the reasonably foreseeable methods of compliance with the proposed mobile source strategy, the potential significant adverse impacts associated with the methods of compliance, potential feasible mitigation measures, and feasible alternatives to the proposal that could reduce or eliminate any significant adverse impacts. A draft of the EA will be released for public review and comment in early 2016.

We encourage your participation and look forward to your input. If you have questions regarding the strategy, please contact Ms. Carol Sutkus at (916) 322-1229 or carol.sutkus@arb.ca.gov, or Ms. Kirsten King Cayabyab at (916) 322-3531 or kirsten.king@arb.ca.gov. If you have questions about meeting logistics, please contact Ms. Sara Cain at (916) 322-7305 or sara.cain@arb.ca.gov.

Sincerely,



Karen Magliano
Chief, Air Quality Planning and Science Division

cc: See next page.

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