

CALIFORNIA AIR RESOURCES BOARD
Potential Scoping Plan Actions
Existing Actions, New/Proposed Actions, and Concepts for Discussion
April 1, 2016

Transportation and Land Use Sector

This document provides a summary of existing actions that must be considered in the 2030 Target Scoping Plan update, actions in plans currently under development, and potential new concepts for consideration by the Environmental Justice Advisory Committee (EJAC).

ARB staff is soliciting the following feedback from the EJAC:

1. Are there other actions that should be considered?
2. For the Existing Actions, does the EJAC have thoughts on the process for implementation to date?
3. For New Actions, does the EJAC support those actions in their current form (for example, should we be trying to achieve a greater than 50% RPS by 2030?) Does the EJAC have proposals on how to implement these actions?
4. For Proposed and Concepts for Discussion, is there any concern or support for considering these actions?
5. For New, Proposed, and Concepts, should these actions be supported through incentives, prescriptive regulations, other?
6. Are there specific local actions that should be promoted in disadvantaged communities?

Existing Actions: These actions were identified in the original 2008 Scoping Plan and/or the 2014 1st Scoping Plan Update and have a specific action number is associated with it.

New Actions: These actions have been adopted since the 2014 Scoping Plan Update.

Proposed Actions: These actions have been proposed in California agency public documents, but not formally adopted yet.

Concepts for Discussion: These represent concepts from various sources but have not yet been endorsed in any California agency public documents related to the 2030 Target Scoping Plan.

Transportation and Land Use Sector		
SP No.	Action	Status of Action/Board Consideration
T-1	Advanced Clean Cars (ACC) www.arb.ca.gov/msprog/consumer_info/advanced_clean_cars/consumer_acc.htm	January 2012
T-2	Low Carbon Fuel Standard www.arb.ca.gov/fuels/lcfs/lcfs.htm	April 2009 (early action item)

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SP No.	Action	Status of Action/Board Consideration
T-3	Regional Transportation-related Greenhouse Gas Targets www.arb.ca.gov/cc/sb375/sb375.htm	Targets approved September 2010. Seven regions, including the four major urban regions, have adopted Sustainable Communities Strategies that meet, and in some cases exceed, the targets. Updated targets are due in 2018. Therefore, ARB staff plans to propose updated targets for Board consideration in 2016, with the intent to make them effective in 2018.
T-4	Vehicle Efficiency <ol style="list-style-type: none"> 1) Tire Pressure 2) Fuel Efficiency Tire Program 3) Low Friction Oil 4) Solar Reflective Automotive Paint and Window Glazing Tire Pressure: www.arb.ca.gov/cc/tire-pressure/tire-pressure.htm Fuel Efficiency Tire Program: www.energy.ca.gov/transportation/tire_efficiency/index.html Low Friction Oil & Solar Reflective Paint/Glazing: www.arb.ca.gov/msprog/consumer_info/advanced_clean_cars/consumer_acc.htm	<ul style="list-style-type: none"> ▪ March 2009 (early action item) ▪ Under consideration by U.S. DOT ▪ Part of ACC Program ▪ Part of ACC Program
T-5	Ship Electrification at Ports (Shore Power) www.arb.ca.gov/ports/shorepower/shorepower.htm	December 2007 (early action item)
T-6	Goods Movement Efficiency <ol style="list-style-type: none"> 1) Port Drayage Trucks 2) Transportation Refrigeration Units Cold Storage Prohibition 3) Cargo Handling Equipment, Anti-Idling, Hybrid, Electrification 4) Goods Movement System-wide Efficiency Improvements 5) Commercial Harbor Craft Maintenance and Design Efficiency 6) Clean Ships 7) Vessel Speed Reduction Drayage Trucks: www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm Sustainable Freight Transport: www.arb.ca.gov/gmp/sfti/sfti.htm	<ul style="list-style-type: none"> ▪ December 2007 (early action item) ▪ Sub-actions 2-7 and others being considered in the development of the Sustainable Freight Strategy expected to be released in Spring 2016

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SP No.	Action	Status of Action/Board Consideration
T-7	Heavy-Duty Vehicle GHG Emission Reduction 1) Tractor-trailer GHG Regulation 2) Heavy-duty GHG Standards for New Vehicle and Engines (Phase 1) Tractor-trailer: www.arb.ca.gov/cc/hdghg/hdghg.htm Phase I GHG: www.arb.ca.gov/msprog/onroad/phaselghg/phaselghg.htm	<ul style="list-style-type: none"> ▪ December 2008 (early action item) ▪ December 2013
T-8	Medium- and Heavy-Duty Vehicle Hybridization Voucher Incentive Project www.arb.ca.gov/msprog/aqip/hvip.htm	April 2009 (early action item)
T-9	High-Speed Rail www.hsr.ca.gov/	Construction contract awarded August 2013
New	ARB Truck and Bus Regulation (aimed by criteria and toxic pollutant reductions but will provide GHG benefits) www.arb.ca.gov/msprog/truckstop/tb/truckbus.htm	December 2008 and subsequent amendments in 2010 and 2014
New	ZEV Action Plan/Executive Order B-16-2012 – Goal of putting 1.5 million ZEVs on the road by 2025 2013 ZEV Action Plan: www.opr.ca.gov/docs/Governor's_Office_ZEV_Action_Plan_(02-13).pdf Draft 2015 ZEV Action Plan: www.gov.ca.gov/s_zevactionplan.php Multi-State ZEV Action Plan: www.nescaum.org/topics/zero-emission-vehicles	Ongoing
New	Active Transportation Program/SB 99 (2013) www.dot.ca.gov/hq/LocalPrograms/atp/	Ongoing
New	Clean Energy and Pollution Reduction Act of 2015/ SB 350 (2015) 1) Widespread transportation electrification Study of barriers faced by low-income consumers to access zero and near-zero emission transportation: www.arb.ca.gov/msprog/transoptions/transoptions.htm	Under development