

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

Natural & Working Lands, Agriculture and Waste Management Sectors

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?
7. What would implementation of the proposed actions mean in your communities – how will your communities look and feel in 2030 if these goals are implemented?

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.

Natural and Working Lands, Agriculture Sector		
SP No.	Action	Status of Action
F-1	Sustainable Forest Target www.fire.ca.gov/fcat/	Ongoing
Existing	Forest Practice Act of 1973	Ongoing
Existing	Forest Resources: Carbon Sequestration/AB 1504 (2010)	Ongoing
Existing	Forest Resource Management/AB 1492 (2012)	Ongoing

Natural and Working Lands, Agriculture Sector		
SP No.	Action	Status of Action
A-1	Methane Capture at Dairies www.arb.ca.gov/cc/shortlived/shortlived.htm	Identified in Draft SLCP Strategy. Strategy to Board for adoption late summer 2016.
Existing/ New	NRCS Conservation Practice Standards and Funding Programs (e.g., Conservation Stewardship Program, EQIP)	Ongoing
Proposed	Land Protection and Land Use - Increase protections on natural and working lands to reduce the rate of conversion to intensified uses, to both preserve lands' sequestration potential and promote infill and compact development. 1. Increase habitat acreage protected or restored by 5% above 2015 levels by 2020 for all habitat types identified in the State Wildlife Action Plan, as outlined in that Plan. This acreage may include farmlands, rangelands or working forest lands that have habitat values consistent with the objectives identified in the State Wildlife Action Plan.	Identified in March 2016 Discussion Paper "Healthy Landscapes 2030: California's Climate Change Vision and Goals for Natural and Working Lands" Discussion Paper: www.arb.ca.gov/cc/scopingplan/meetings/03232016/nwlvisiongoalsdiscussion.pdf
Proposed	Management and Restoration – Manage and restore land to increase carbon storage and minimize GHG emissions in a sustainable manner so that the carbon bank is resilient and grows over time 1. Wetlands and Riparian Areas a) Promote healthy wetland and riparian ecosystems along streams, rivers, deltas, bays, and coastal zones to provide long-term carbon sequestration b) Restore an additional 10,000 acres of managed wetlands in the Sacramento-San Joaquin Delta by 2030 2. Forests a) Scale up forest management planning and implementation activities such that by 2030, each year, 500,000 acres of nonfederal forestlands are brought under plans that advance forest health and managed to advance those plans 3. Oceans and Coast a) Identify opportunities for "blue carbon" projects to sequester carbon in coastal and ocean waters b) Implement a range of "blue carbon" projects along the state coastline to analyze carbon sequestration outcomes across a range of conditions, and pair those with green infrastructure climate change work 4. Farmlands and Ranchlands a) Fulfill the Healthy Soils Initiative to reduce GHG emissions and improve drought resiliency by updating farm and rangeland practices to build soil organic matter b) Promote on-farm and ranch management	

Natural and Working Lands, Agriculture Sector		
SP No.	Action	Status of Action
	practices that sequester carbon or reduce GHGs	
Proposed	Build out to supply 50 MW of forest-fueled bioenergy mandated by SB 1122 by 2020, sited and sized to service local and regional biomass waste disposal needs	
Proposed	Employ suite of ready-to-implement practices, such as managing manure in dairies, and increasing efficiency of on-farm water and energy use to increase net carbon sequestration and reduce GHG emissions across diverse agricultural systems	
Proposed	Urban Forestry and Green Infrastructure <ol style="list-style-type: none"> 1) Reduce Urban Heat Island (UHI) differential by 3 degrees F between urban core and surrounding rural areas, versus current UHI impacts in major metropolitan areas 2) Increase urban tree canopy statewide by 5% by 2030 with strategic consideration to disadvantaged communities 	

Waste Management Sector		
SP No.	Recycling and Waste Actions	Status of Action/Board Consideration Date
RW-1	Landfill Methane Control Measure www.arb.ca.gov/cc/landfills/landfills.htm	June 2009 (early action item)
RW-2	Increasing the Efficiency of Landfill Methane Capture	Ongoing
RW-3 Sub-strategy 1	Mandatory Commercial Recycling www.calrecycle.ca.gov/recycle/commercial/	Adopted by CalRecycle January 2012
RW-3 Sub-strategy 2	Increase Production and Markets for Compost and Other Organics www.calrecycle.ca.gov/Climate/Organics/default.htm	Ongoing
RW-3 Sub-strategy 3	Anaerobic/Aerobic Digestion	Ongoing
RW-3 Sub-strategy 4	Extend Producer Responsibility www.calrecycle.ca.gov/EPR/	Ongoing
RW-3 Sub-strategy 5	Environmentally Preferable Purchasing www.calrecycle.ca.gov/EPP/	Ongoing
New	Organic Waste Recycling/AB 1826 (2014)	Phased-in effective dates started January 1, 2016
New	Organic Waste Recycling/AB 876 (2015)	Effective August 1, 2017
New	Composting/AB 1045 (2015) www.calrecycle.ca.gov/organics/compostmulch/ www.arb.ca.gov/cc/waste/waste.htm	Under development

Waste Management Sector		
SP No.	Recycling and Waste Actions	Status of Action/Board Consideration Date
Proposed	Develop a regulation to require 75% organic waste diversion from landfills by 2020 and 90% by 2025 www.arb.ca.gov/cc/shortlived/shortlived.htm	Identified in September 2015 Draft SLCP Strategy. Strategy to Board for adoption late summer 2016.
Proposed (see also RW-2)	After completion of research to improve understanding of landfill emissions, consider a “phase 2” of the Landfill Methane Control Measure www.arb.ca.gov/cc/shortlived/shortlived.htm	Identified in September 2015 Draft SLCP Strategy. Strategy to Board for adoption late summer 2016.