

Assessing the Effects of AB 32 Climate Change Mitigation Programs in Environmental Justice Communities

2013 Environmental Justice Advisory Committee
Sacramento

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California Environmental Protection Agency
 **Air Resources Board**

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AB 32

To the extent feasible:

- * Ensure activities undertaken to comply with the regulations do not disproportionately impact low-income communities
- * Direct public and private investment toward the most disadvantaged communities in California and provide an opportunity ... to participate in and benefit from statewide efforts to reduce GHG emissions

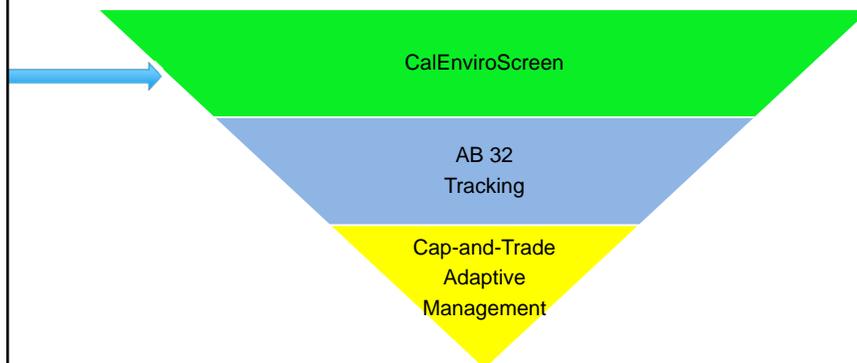
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Objectives

- * Develop a proposal for assessing the effects of AB 32 climate mitigation programs in environmental justice communities
- * Approach as a joint agency effort
- * Seek Committee input on indicators that can be directly tied to AB 32

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Methods and Indicators



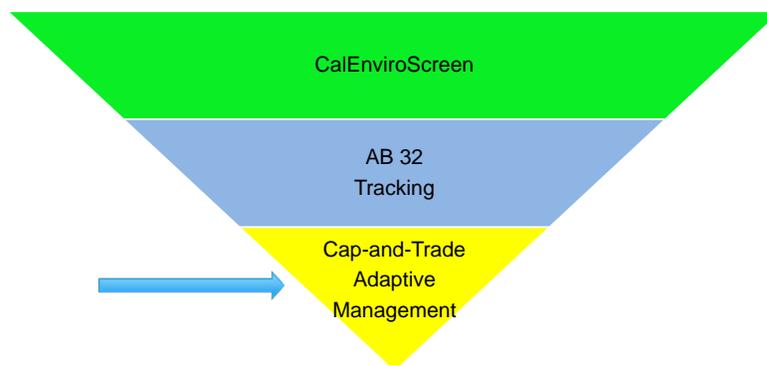
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CalEnviroScreen

- * Statewide: environmental pollution burden
- * Multiple indicators to rank communities
- * Can not provide quantitative information for assessing specific sites, projects, or programs
- * Developed as a screening tool

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Methods and Indicators



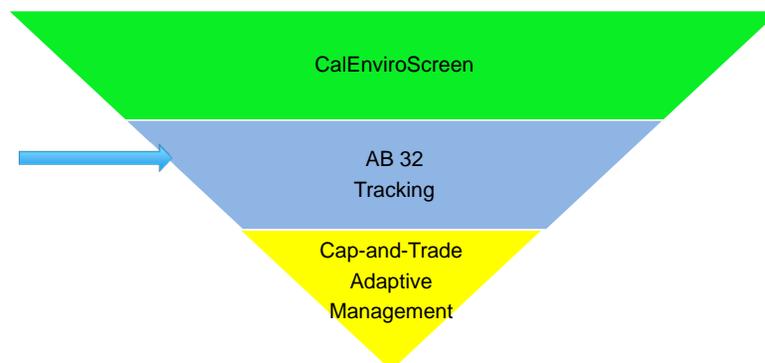
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Adaptive Management Process

- * Program specific: Cap-and-Trade
- * Proposal to add reporting requirement to Mandatory Reporting on GHG increases
- * In development to identify and respond to concern about the potential for localized emission increases due to the Cap-and-Trade Regulation

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Methods and Indicators



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AB 32 Tracking

- * Suite of AB 32 climate change mitigation programs
- * In development to assess the impacts and benefits of AB 32 programs in specific communities
- * Must use data that can be tied directly to actions under AB 32 programs

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Potential AB 32 Program Indicators

- * Emissions of GHG, short-lived climate pollutants
 - * Stationary & mobile sources
 - * Adaptive Management/Mandatory Reporting
- * Reductions of criteria pollutants and air toxics from ARB's AB 32 measures
- * Auction proceeds investments in (and benefitting) disadvantaged communities
- * Job creation from proceeds investments

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Questions to Consider (1) of (2)

1. Should the emphasis be on potential adverse effects, benefits, or both? What is the relative priority?
2. What are the available indicators that can be readily tied to AB 32 programs? What are the sources of information for these indicators? What is the level of geographic resolution (i.e., facility, community, region, state)? How often are these indicators updated? Where are they accessible to the public?

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Questions to Consider (2) of (2)

3. Given the resource-intensive nature of these evaluations and agency staffing constraints, should the focus be on detailed analyses of a few communities or general reviews of more communities? How should the communities be selected for analysis?
4. What are the highest priority data gaps or needs that further research could address to enhance the longer-term effort?

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