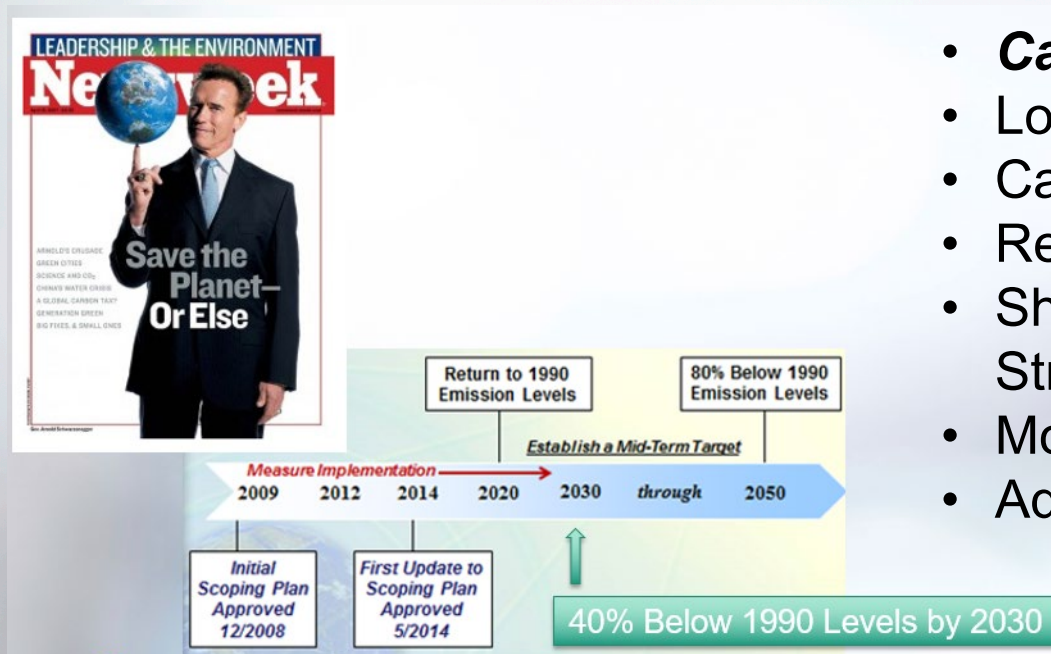


AB 617 and the Quest for Democracy in Air Quality Management



**Health Effects Institute
May 20, 2020**

Global Warming Solutions Act



- **Cap-and-Trade**
- Low Carbon Fuel Standard
- Carbon Offsets
- Renewable Portfolio Standard
- Short-Lived Climate Pollutants Strategy
- Mobile Source Strategy
- Advanced Clean Trucks

Potential Impacts from Cap-and-Trade

- Positive correlation between GHGs, PM_{2.5}, and toxic air pollution emissions
- Especially notable for refineries, hydrogen plants, and cement plants

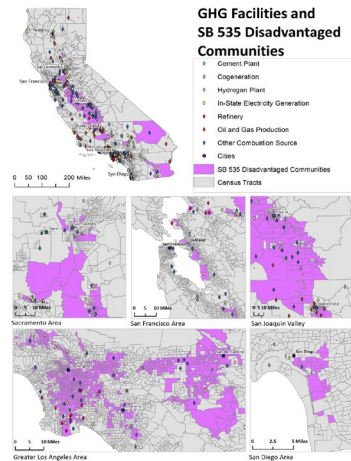
Tracking and Evaluation of Benefits and Impacts of Greenhouse Gas Limits in Disadvantaged Communities: Initial Report

*Office of Environmental Health Hazard Assessment
California Environmental Protection Agency*

February 2017



Figure 2. California Map Showing the Locations of GHG Facilities and SB 535 Disadvantaged Communities.



OEHHA

-15-

February 2017

AB 617 PROGRAM ELEMENTS

Joint Implementation of Program Elements

MONITORING

- Identify communities for monitoring
- Statewide Monitoring Plan
- District and community operated networks
- Statewide data display

EMISSIONS

- Statewide reporting system
- Statewide pollution mapping tool

FUNDING

- Incentive funding
- Community assistance grants

ACTION PLANS

- Identify communities for emission reduction programs
- Statewide Strategy
- District Community Emission Reduction Programs
- District BARCT implementation
- State and district strategies

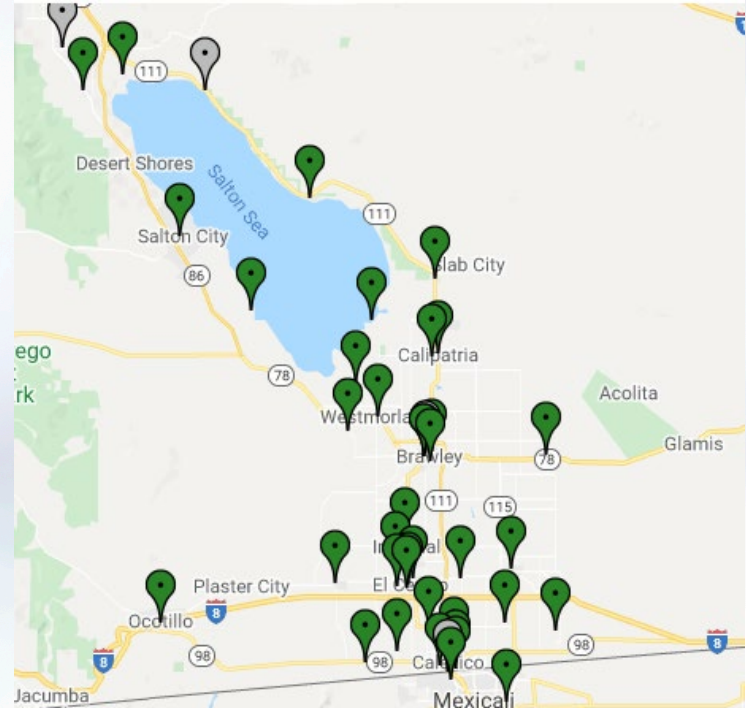
13 Priority Communities

- Regional air quality factors in CalEnviroScreen
- Local measurement and modeling studies
- Facility risk assessments
- Proximity or density of emission sources
- Health indicators



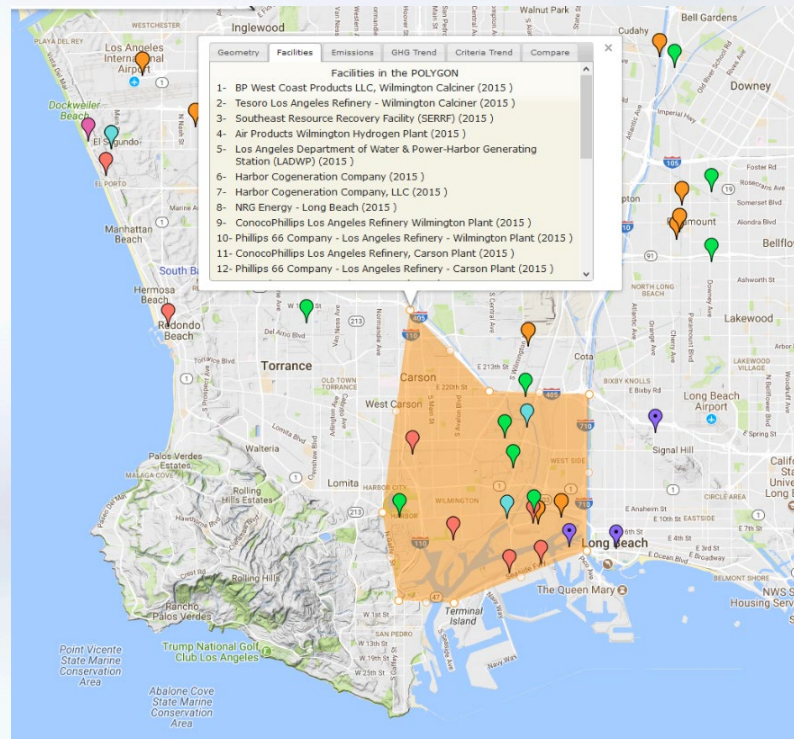
Builds on Current Activities

- IVAN Air Network
- Comité Civico del Valle, plus partners
- \$2 million NIEHS Grant
- 40 Low-Cost PM Sensors
- Community Steering Committee
- Publicly accessible data display
- School Flag Programs



Emissions Reporting Portal

- Establish statewide annual reporting system for largest industrial sources
- Supports enhanced tracking and accessibility of emissions data
- Available through CARB's AQ View portal



Tracking Success

- Quantitative public health goals
 - Air quality standards
 - Toxics risk reduction
- Clear metrics for tracking progress
 - Emission reductions
 - Investments in community level projects
- Public process and community engagement
- Process for review and updates

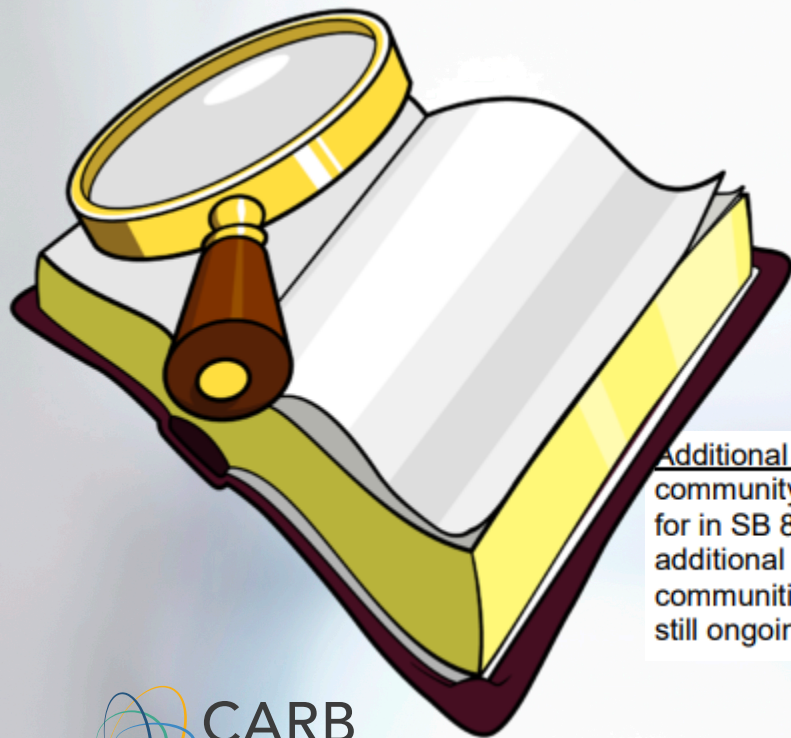
FUNDING RESOURCES

Implementation Resources

- Budget included \$27 million last fiscal year year funding for air districts
- Budget included \$50 million current fiscal year.
- Ongoing resources for implementation will be critical to the success of the program



Targeted Incentive Funding



- \$695 million appropriated to date
 - ZE school buses
 - ZEV infrastructure
 - Stationary sources – Chrome 6

Additional Project Categories: These new proposed stationary source and community-identified projects would begin addressing the full range of incentives called for in SB 856. The proposed projects would serve as models for the creation of additional categories in the future and on an as-needed basis. A number of communities have already identified some high-priority concerns, but conversations are still ongoing, and many communities are likely to identify additional opportunities.

Community Assistance Grants

- \$15 million for nearly 60 projects
- New \$10 million solicitation this fiscal year
- Funding to support
 - Capacity building – training and support
 - Assistance for community led air monitoring
 - Technical assistance



Photo by Sandy Mazza



NEXT STEPS

Lessons Learned



- UC Davis Program Evaluation



- Governance of Community Steering Committees & Power Sharing Challenges



- Stipends



- Funding | Fees vs. GGRF



- Mission Creep

Outlook for the Future



- Ongoing work to implement near-term actions to help communities statewide



- *Transferability* -- Initial communities will be models for action throughout California



- Support community capacity building



- Review progress periodically



- Board consideration of additional communities



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