

Community Air Quality Investment and Improvement

AB 617 Community Kick-off Meeting
October 30, 2018

Valley Faces Unique Air Quality Challenges

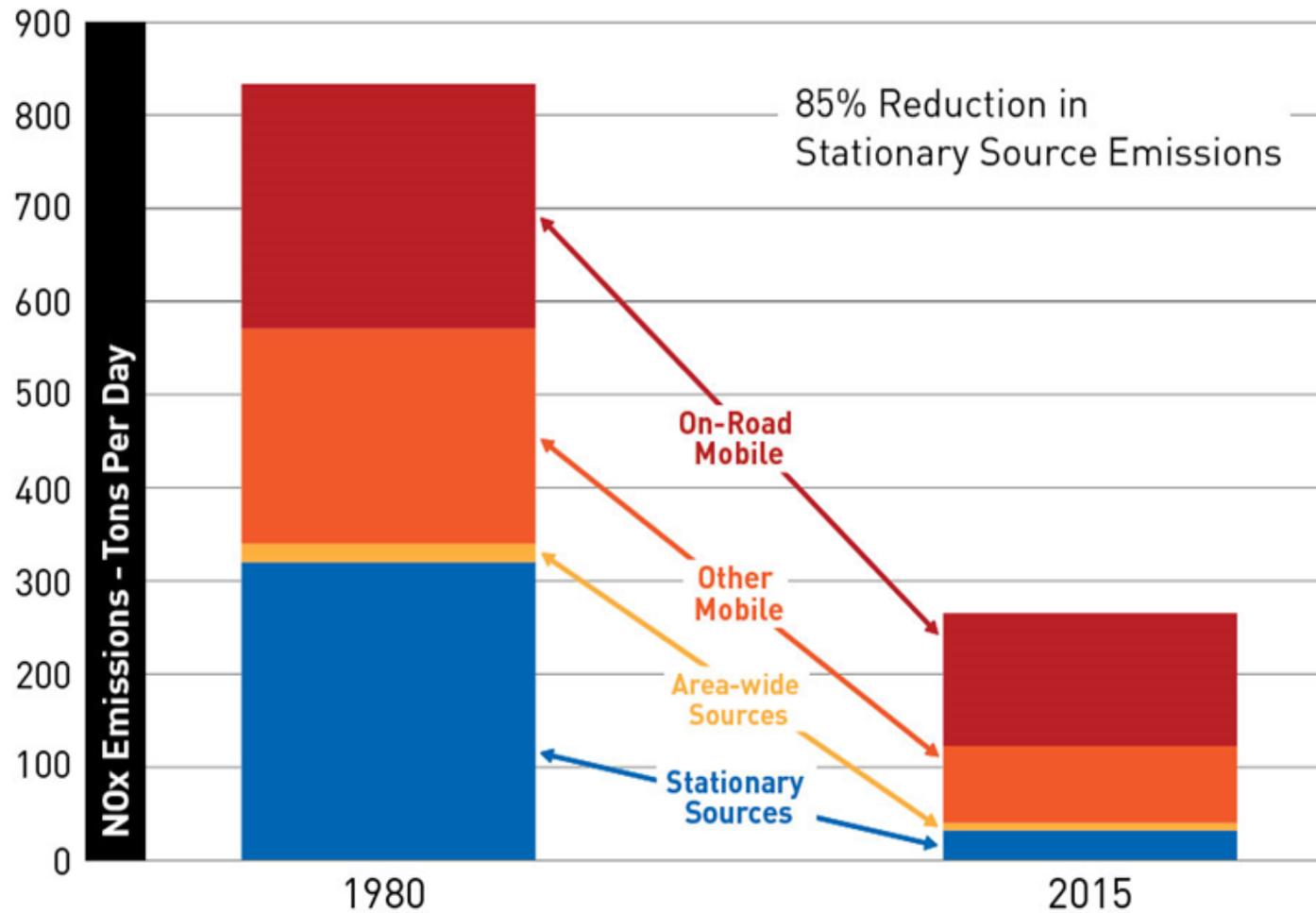
- Surrounding mountains and meteorology help create and trap air pollution
- High poverty, unemployment, and
- High rate of population growth
- I-5 and Hwy 99 (major transportation arteries) run through Valley
- Summer challenge: Ozone
- Winter challenge: PM_{2.5}



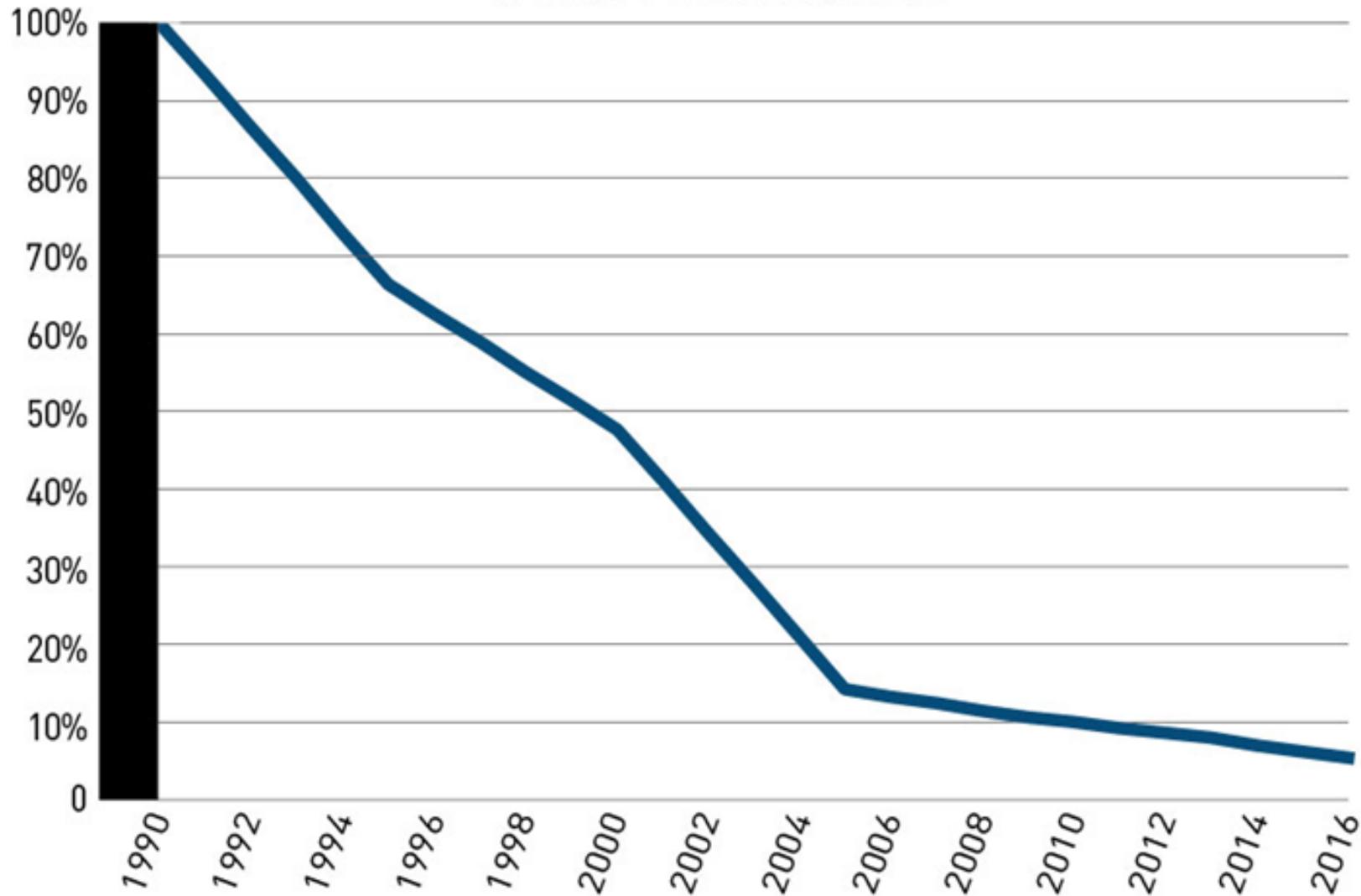
Clean Air Efforts in the San Joaquin Valley

- Toughest air regulations on businesses, cars and trucks, consumer products, and Valley residents
- Reduction of health risk from existing and new businesses through District's permitting and air toxics hot spots programs
- \$40 billion spent by businesses on clean air
- Grant programs: \$2.1 billion public/private investment in clean air projects
- Valley's new clean air plan will establish a range of new measures to further reduce air pollution from businesses, mobile sources, and residents

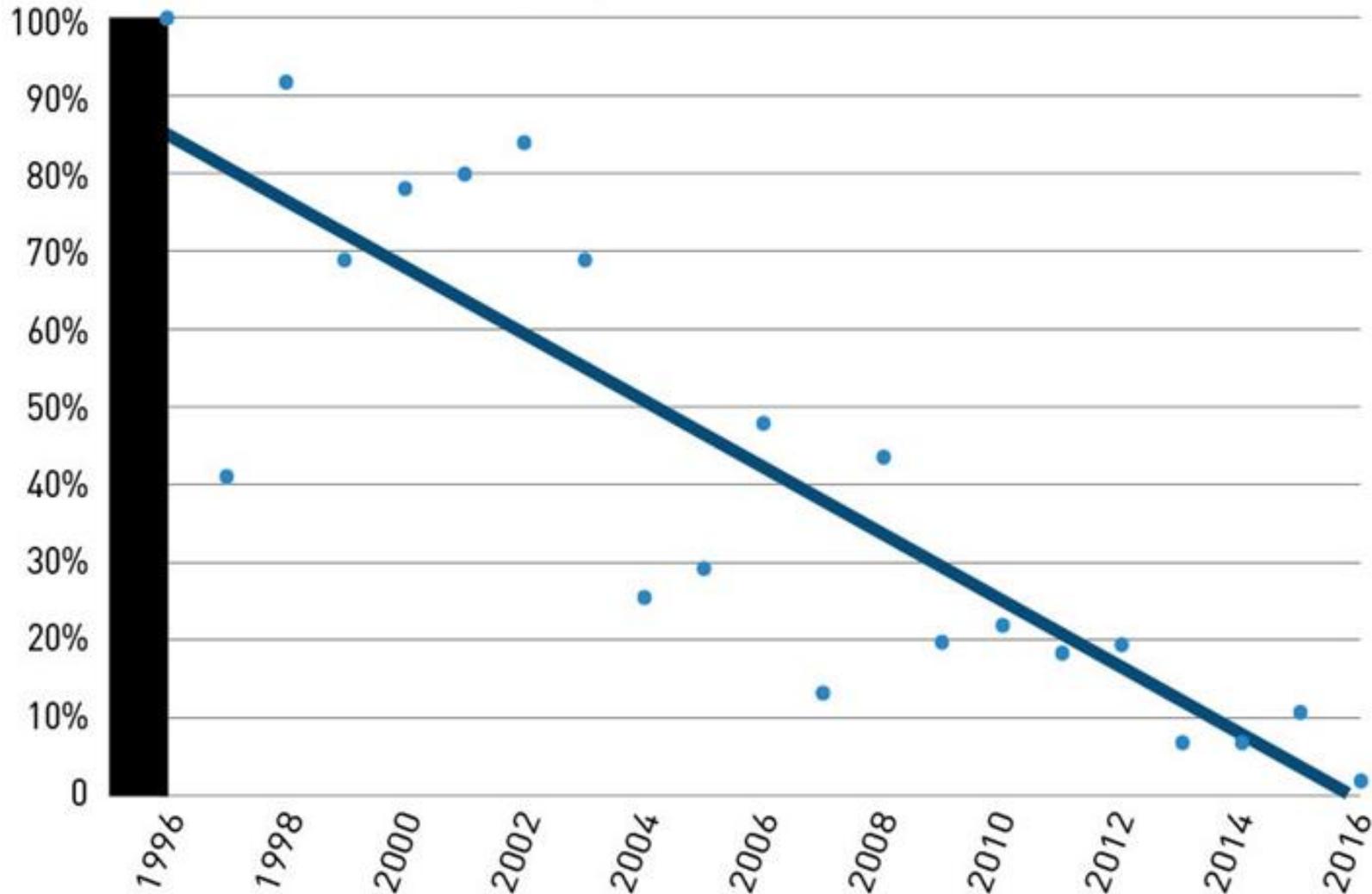
Major Reductions in Pollution



Cancer Risk 95% Reduction

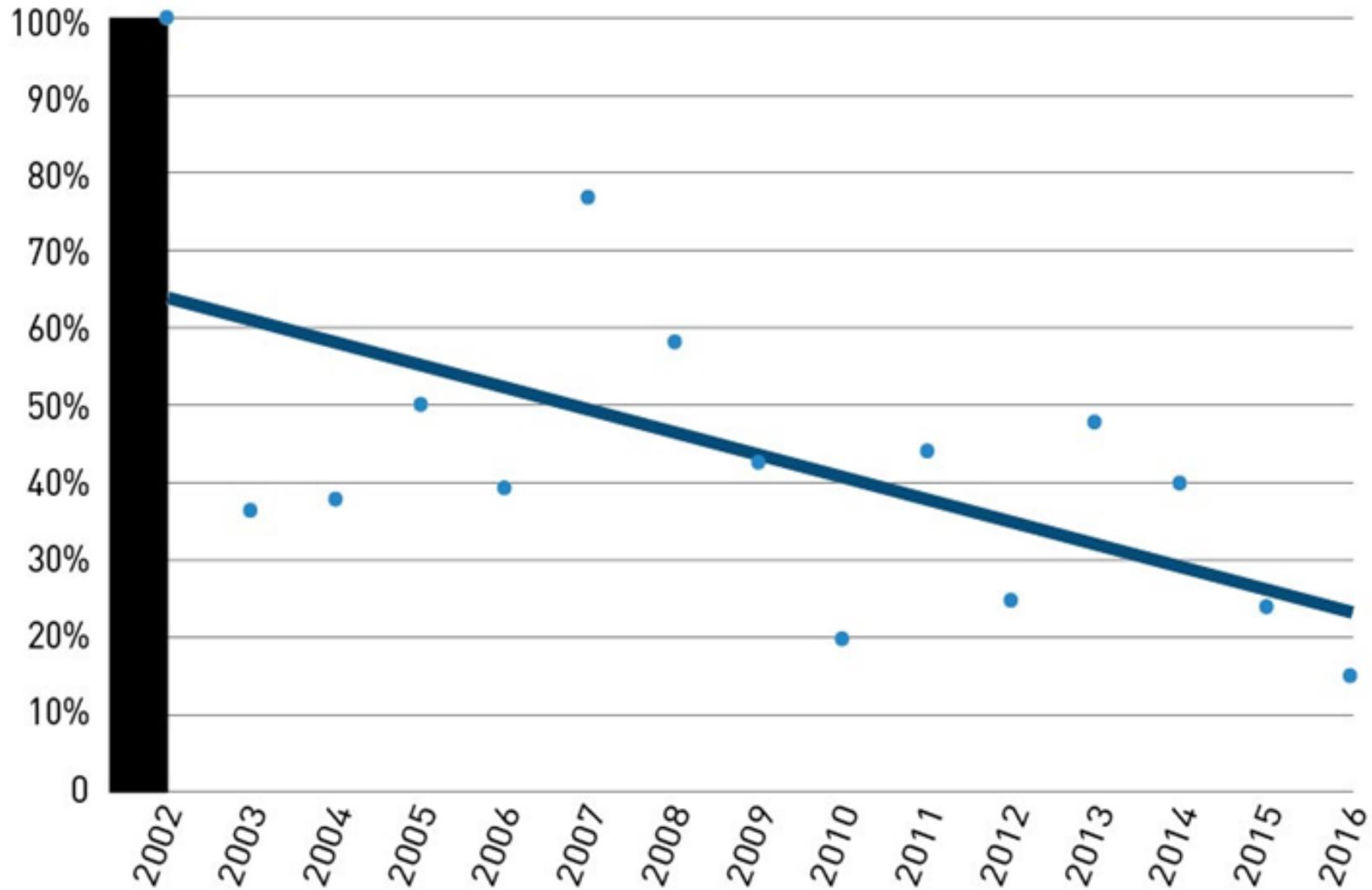


Population Exposure to High Ozone Days 90% Reduction



Population Exposure to High PM2.5 Days

85% Reduction



AB 617 Brings New Resources to Valley Communities

- AB 617 established to further address community-level air quality issues
 - Provides opportunity for investment in impacted communities to reduce air pollution
 - Valley successful in demonstrating great need and bringing significant new funding to our communities
- State (CARB) tasked with selecting communities for action every year
- Upon CARB's selection of communities, air districts must develop and implement any necessary air quality monitoring and Community Emissions Reduction Programs (CERPs) for each community
- New clean air resources for community-focused efforts
 - \$80 million in AB 617 funding for emission reductions in first year
 - Total of \$350 million available for incentive-based emission reductions in the Valley

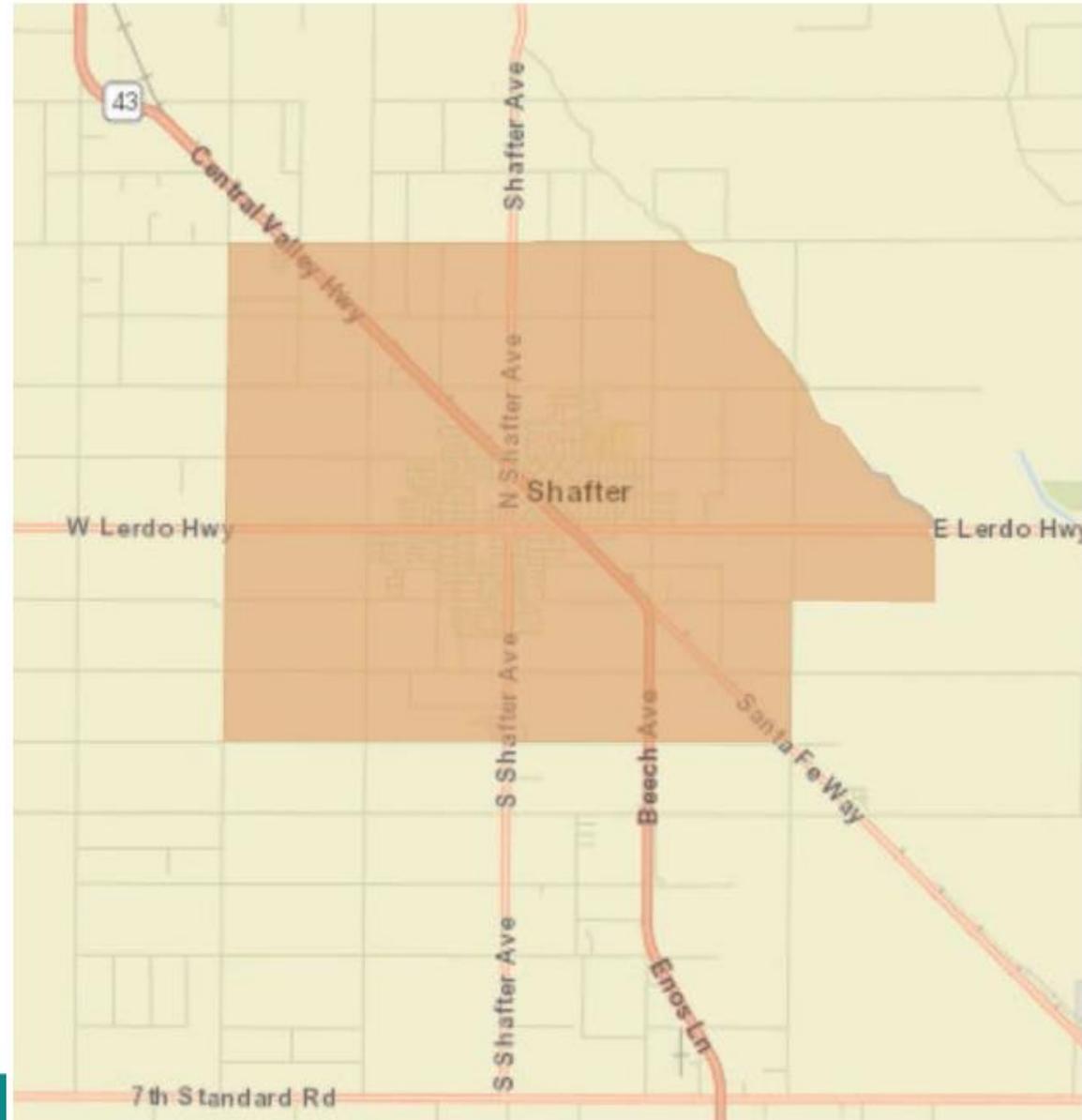
Valley Communities Selected in First Year

- CARB selected first-year communities in September 2018
 - 10 communities selected statewide for initial year
- In Valley, South Central Fresno and the City of Shafter selected for action under AB 617
- Additional communities to be considered for action under AB 617 in future years

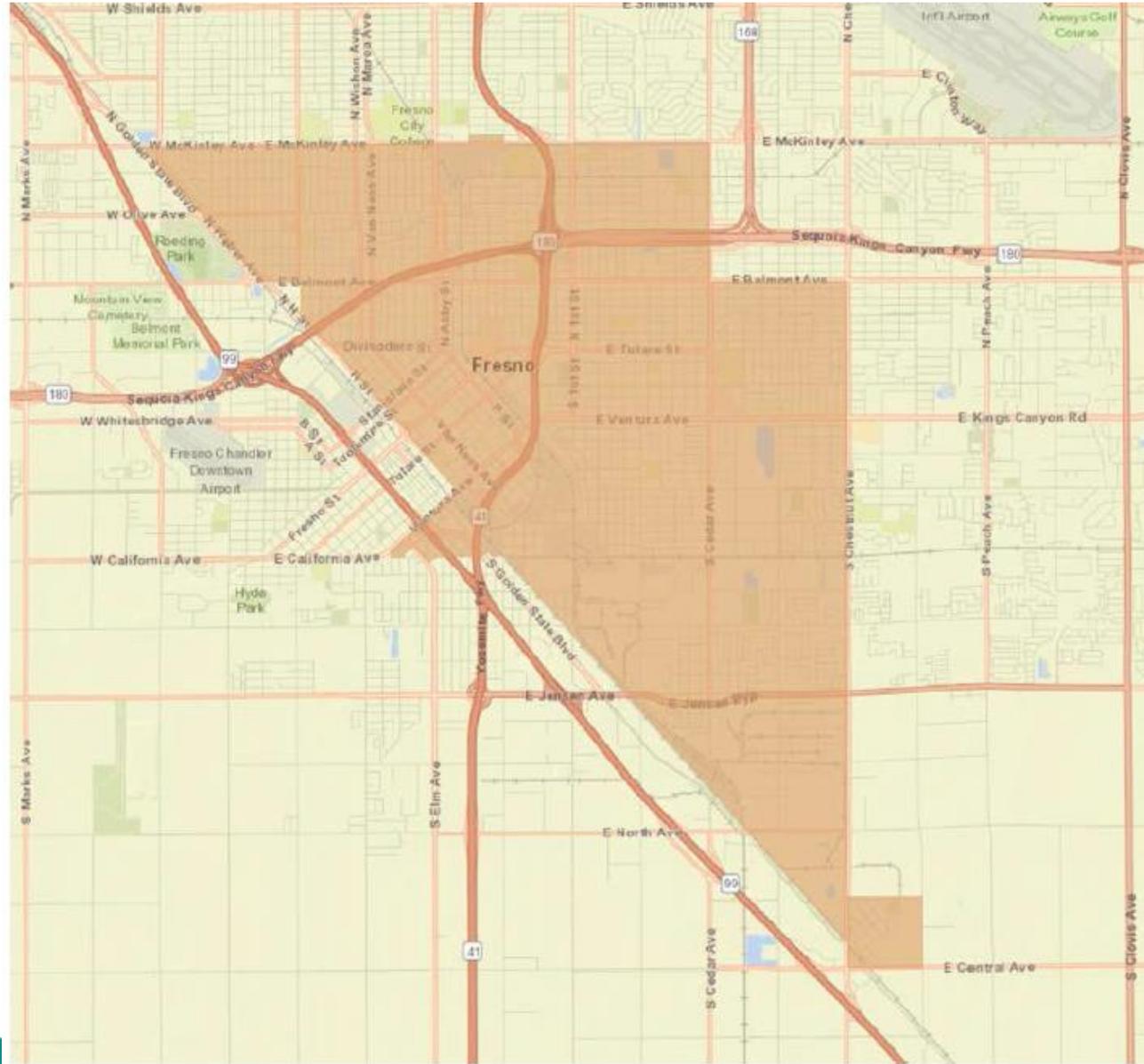
ARB Community Selections – 10 Communities

Community	Local Air District
Richmond	Bay Area
West Oakland	Bay Area
Calexico, El Centro, Heber	Imperial County
South Sacramento – Florin	Sacramento Metropolitan
Portside Environmental Justice Neighborhoods (Barrio Logan, West National City, Logan Heights, Sherman Heights)	San Diego County
Shafter	SJVAPCD
South Central Fresno	SJVAPCD
East Los Angeles Neighborhoods, Boyle Heights	South Coast
Muscoy, San Bernardino	South Coast
Wilmington, West Long Beach, Carson	South Coast

CARB description of Shafter



CARB description of South Central Fresno



Community Emission Reduction Programs

- Developing an effective community emissions reduction program requires:
 - Identifying and evaluating sources that may impact community (inventory of sources in or near community, air monitoring, etc.)
 - Assessment of available measures for further reducing air pollution from contributing sources
- By October 1, 2019, District must adopt community emissions reduction programs for selected communities
 - Work in consultation with Community Steering Committees
 - Plans to include specific measures for reducing air pollution
 - Plans to include air pollution reduction goals and metrics for tracking progress

Community Air Monitoring

- AB 617 includes requirements for air districts to deploy air monitoring in communities selected by CARB
 - For first-year communities, in place by July 1, 2019
 - Supplements existing monitoring in/near selected community
 - May assist in developing community emission reduction programs
- District currently preparing platforms and equipment for community air monitoring in South Central Fresno and Shafter
- Community access to monitoring information
- Additional local air monitoring networks will be planned and deployed in future years as subsequent communities are selected by CARB for AB 617 implementation

Clean Air Grants Improve Air Quality

- AB 617 places clear focus on making clean air investments in impacted communities
- Incentive grants reduce pollution by providing funding to help replace older, dirtier equipment with newer, cleaner models
- Over \$2 billion clean air grant public/private investment by Valley residents, businesses, schools, cities, counties, and others



Available Clean Air Grants

- \$350 million currently available for a variety of grant programs for Valley businesses, residents, and public agencies
- Grant opportunities for businesses:
 - Heavy Duty Truck Replacement
 - Agricultural Equipment Replacement
 - Off-Road Equipment Replacement
 - Cargo Handling Equipment
 - Electrified Dairy Feed Mixing Program
 - Locomotive Replacement
 - Electric Vehicle Charging Infrastructure

Available Clean Air Grants (cont'd)

- Grant programs for Valley Residents:
 - Passenger vehicle repair
 - Passenger vehicle replacement
 - Woodstove/fireplace replacement
 - Electric lawn mowers
 - Vanpool Vouchers
- Grant programs for Public Agencies:
 - Electric vehicle charging infrastructure
 - Alternative fuel infrastructure
 - Transit and School Bus Replacement
 - Alternative Fueled Vehicles
 - Bike Path and Park and Ride Lot Infrastructure

New Clean Air Grants for Valley

- New grant programs coming soon:
 - Ag Truck Replacement
 - Alternative Fuel Infrastructure
 - Emergency Vehicle Replacement
 - Commercial Lawn and Garden Equipment Replacement
 - Alternatives to agricultural burning
 - Low dust nut harvesting equipment
 - Additional clean air investments at existing stationary sources that may currently be infeasible

Steering Committees

- District has announced the establishment of consultative steering committees for each community
 - Majority of steering committee members to be residents of community
- Under AB 617, District must hold first steering committee meetings within 60 days of community identification
- Full engagement of all sectors within each of the two communities is required to effectively implement AB 617
- Based on the District's experience, it is critical to create inclusive community engagement processes
 - Provides diverse and balanced perspectives
 - Helps develop innovative and effective air quality improvement strategies
 - Involvement by all community stakeholders builds trust between residents and businesses through sharing of information and concerns

Community Steering Committee Membership

- The core of the steering committee should directly represent the residents and businesses in the community.
- Majority of Steering Committee members must be community residents.
- Additional committee members may include representatives from local community-based environmental justice organizations, locally-based business associations, city and county planning agencies, transportation agencies, health departments, and schools.
- To further encourage a comprehensive discussion and more thorough understanding of issues impacting the community, and possible solutions, the District will invite additional participants to inform the process as necessary (e.g., academia, health services providers, professional engineering services, etc.).
- All interested stakeholders not appointed to the steering committee will be encouraged to participate at all public meetings.

Community Steering Committee Role

- The steering committee's consultative role can take many forms, including the following:
 - Help the District understand community concerns, including socioeconomic burdens, location of sensitive receptors, etc.
 - Identification of local mobile and stationary sources
 - Assist in developing any community monitoring plans necessary to determine whether local sources are impacting community air quality
 - Assist in developing the community-specific webpage
 - Assist with the public engagement process
 - Assist in identifying and evaluating emission reduction opportunities, including socioeconomic considerations of actions identified
- Membership is voluntary and will require regular participation in meetings and ongoing commitment to ensure meaningful steering committee process

Community Steering Committee Charter

- In convening and coordinating the community steering committee, the District will work with the steering committee to establish a charter to clearly set out the committee goals, process, and structure. Elements of the charter that should be considered include the following topics:
 - Committee objectives
 - Roles and responsibilities of committee members
 - Meeting procedures
 - Meeting frequency
 - Meeting dates, times, and locations to ensure accessibility
 - Meeting notice requirements
 - Deliberative process that ensures meaningful, diverse, and balanced participation
 - Use of interpretation services

Need more information? Want to apply for a Steering Committee?

Steering Committee Applications Due November 9th

Contact the Valley Air District at:

AB617@valleyair.org

Fresno office (559) 230-6000

Modesto office (209) 557-6400

Bakersfield office (661) 392-5500

For information visit:

www.valleyair.org/community

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