

Assembly Bill 617 Community Selection Process for Year 2

July 30, 2019

Valley Challenges Unmatched

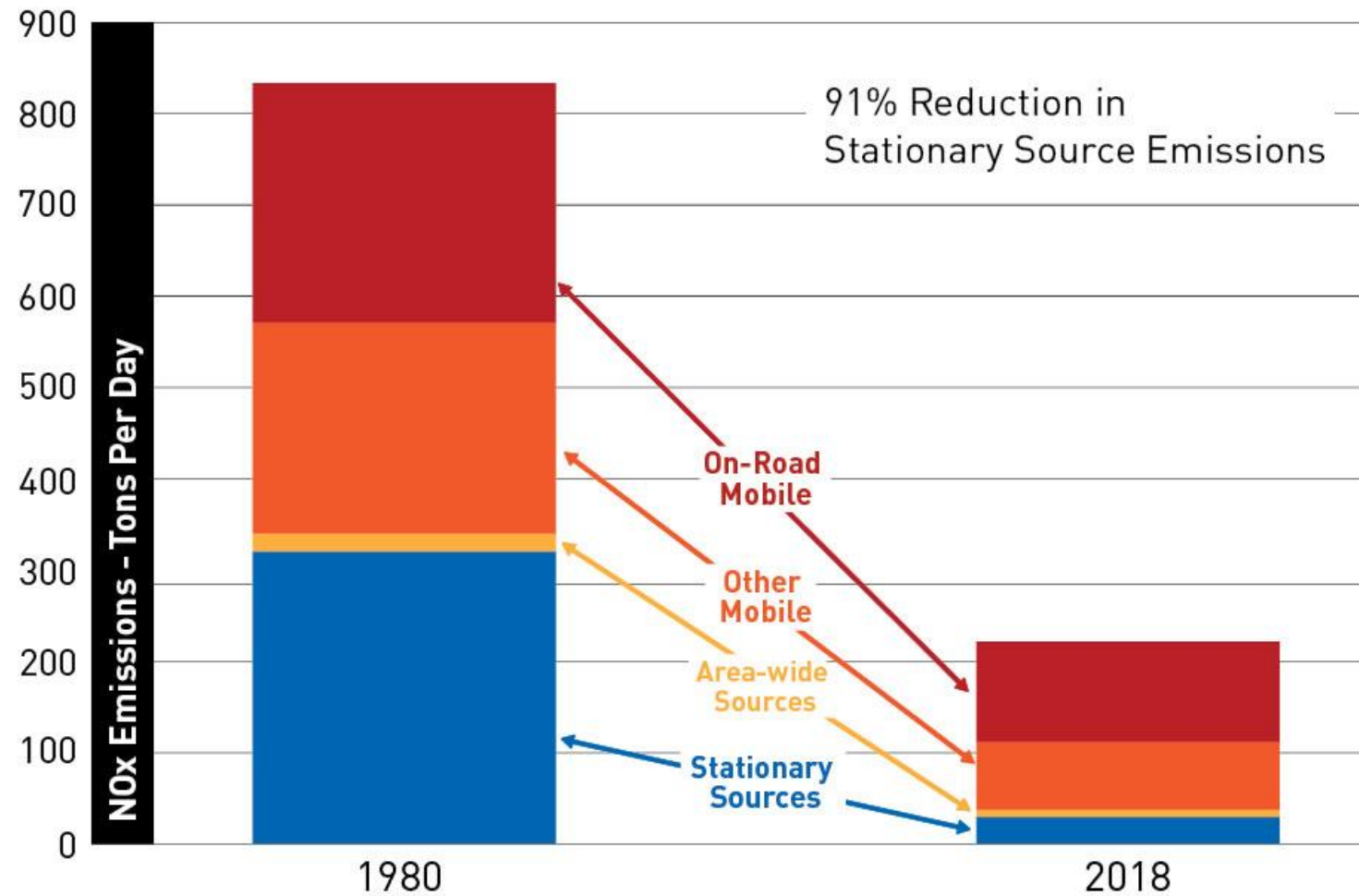
- Surrounding mountains and meteorology create ideal conditions for air pollution formation and retention
- High poverty and unemployment rates (20 of 30 most disadvantaged communities in state)
- High rate of population growth
- I-5 and Hwy 99 (major transportation arteries) run all the way through Valley



Clean Air Efforts in the San Joaquin Valley

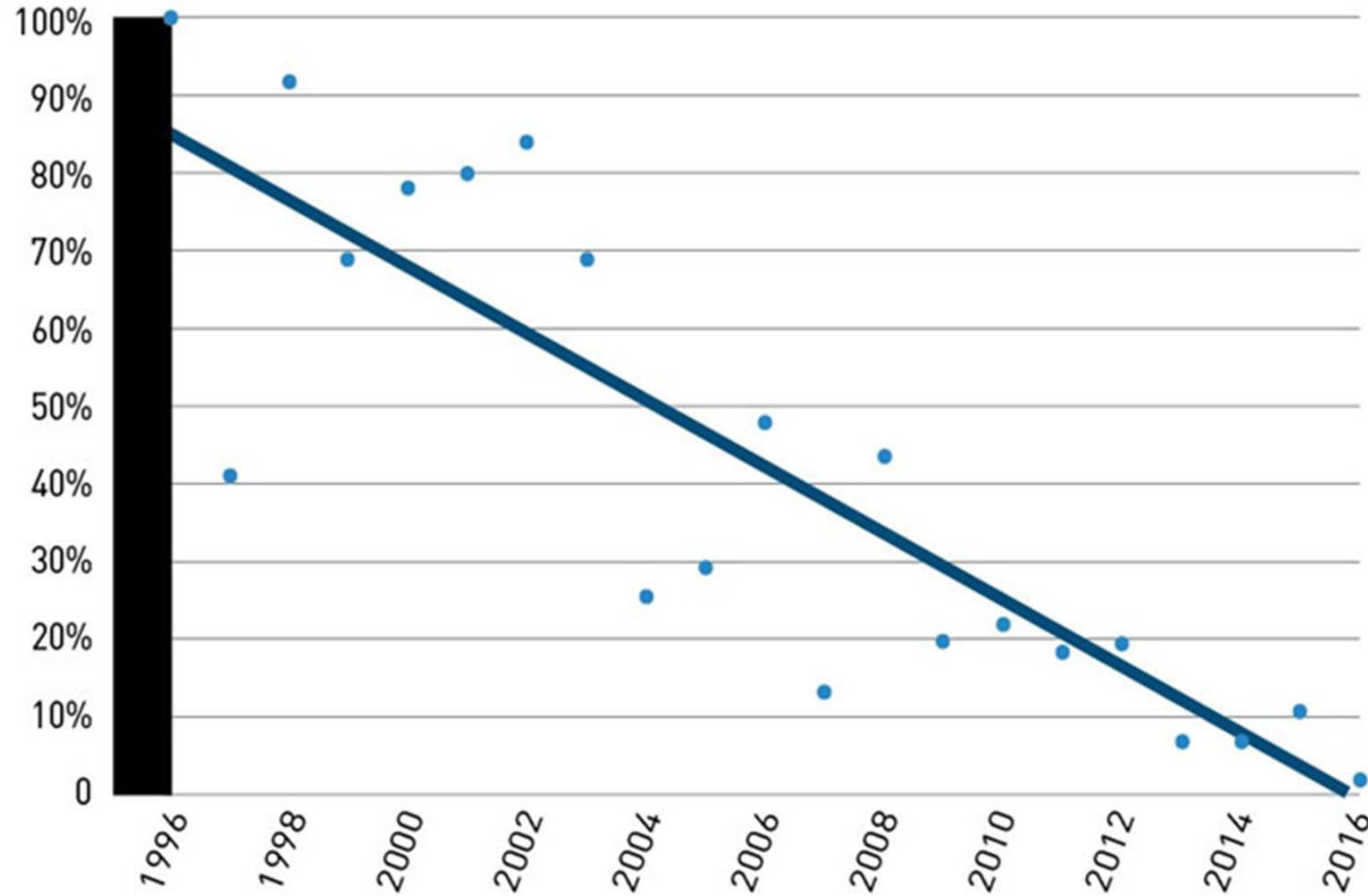
- Toughest air regulations on businesses and industries large and small
- Toughest air regulations on farms and dairies
- Reduction of risk from existing and new stationary sources through District's permitting and air toxics hot spots programs
- \$2.4 billion dollars of public/private investment on incentive-based emissions reductions
 - More than 155,000 tons of emissions reduced
- Toughest regulations on cars and trucks
- Toughest regulations on consumer products and what people can do inside their homes
- Work continues to identify additional emission reductions necessary to meet the latest federal air quality standards

Major Reductions in Pollution



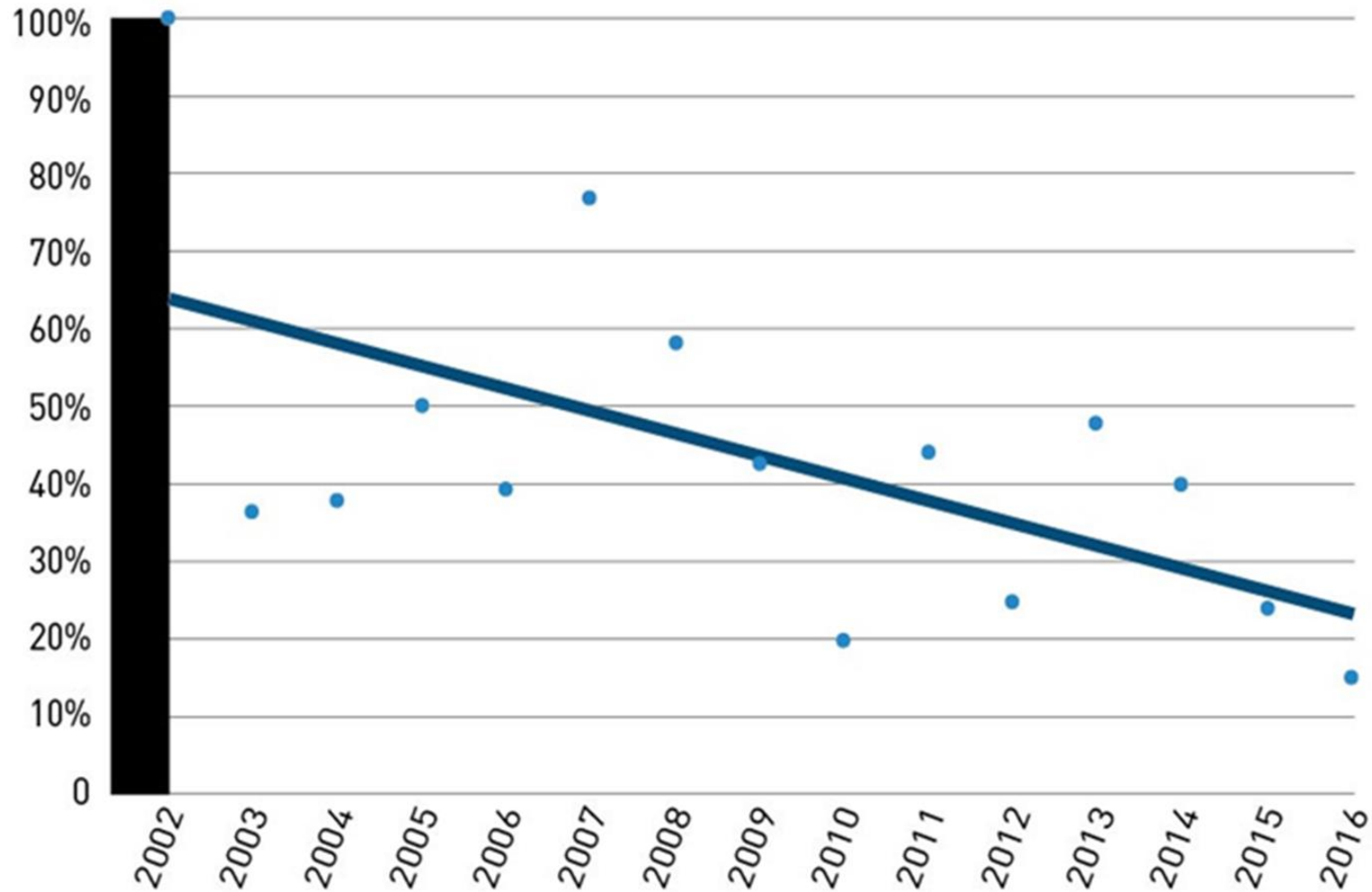
Population Exposure to High Ozone Days

90% Reduction



Population Exposure to High PM2.5 Days

85% Reduction

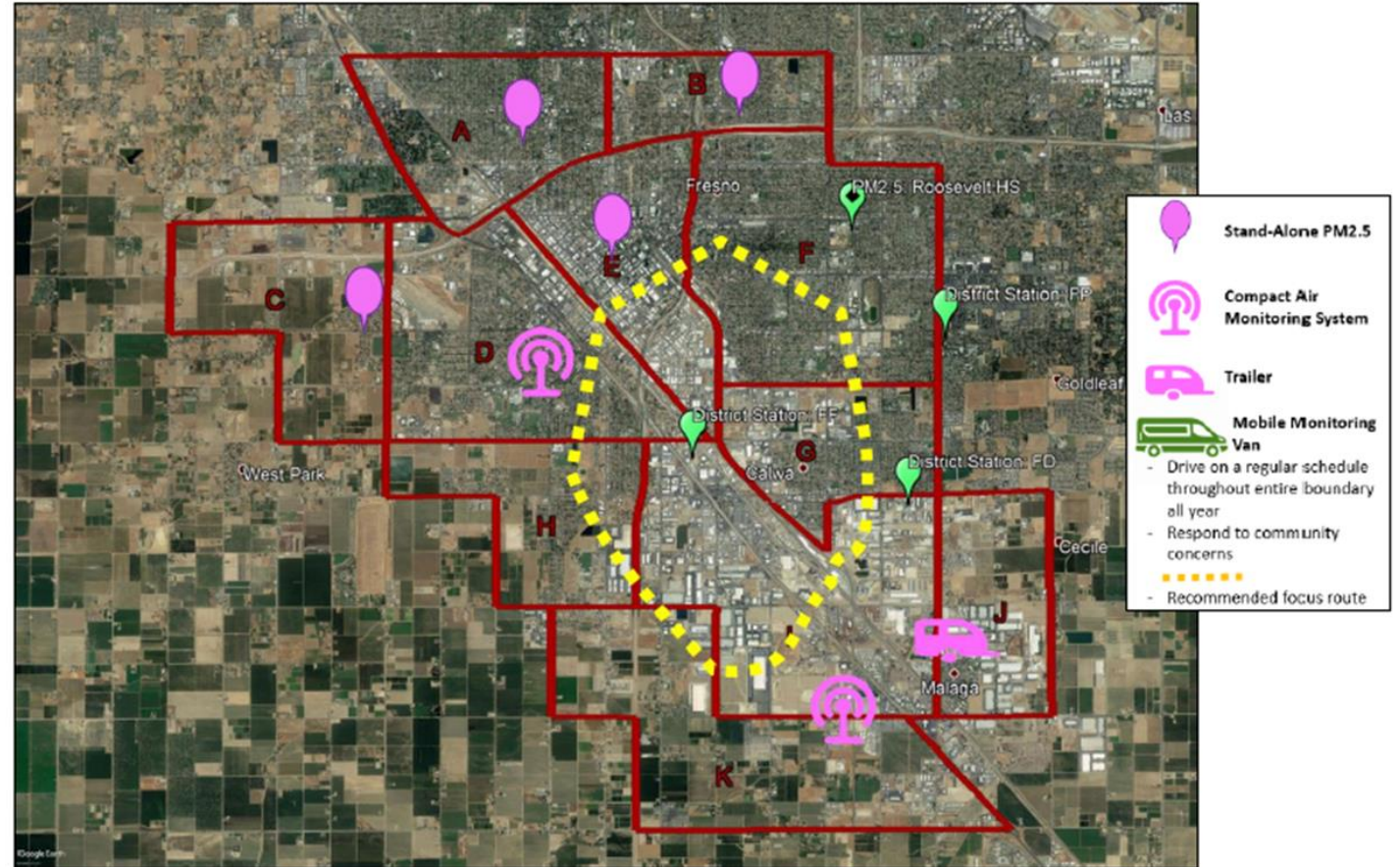


Assembly Bill 617 Overview

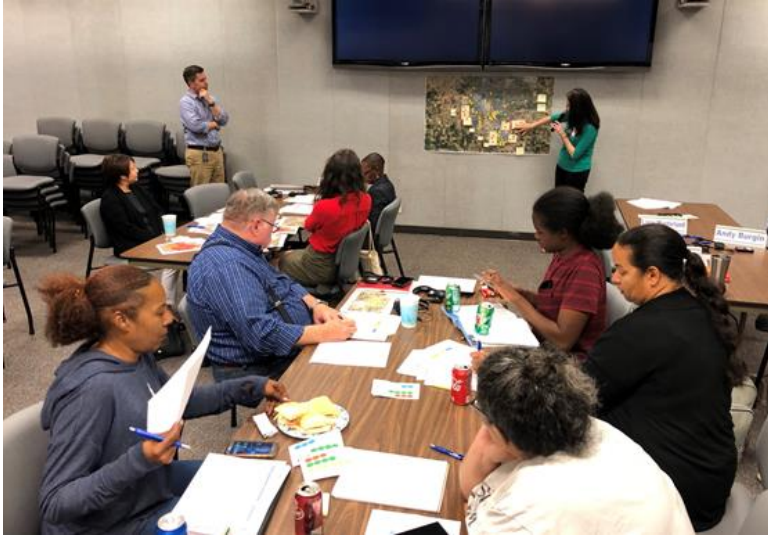
- AB 617 passed by state legislature in 2017 to address potentially high cumulative exposure burdens from toxics and criteria pollutants in some communities
- Through robust public engagement process, CARB and air districts must develop and implement community specific:
 - Statewide uniform emissions reporting processes
 - Community air monitoring networks
 - Community emission reduction plans
 - Best Available Retrofit Control Technology (BARCT)

Community Air Monitoring

- Local air monitoring networks may be established for each selected community
 - Provides localized and more spatially dense air quality information



Community Air Monitoring (cont'd)



Community Emission Reduction Programs

- Community Emissions Reduction Programs (CERP) advised by Community Steering Committee process
- Lays out plan to reduce pollution in each selected community
- Elements of a CERP include:
 - Understanding the community
 - Community partnerships and public engagement
 - What are the air pollution challenges facing the community?
 - What are solutions for these challenges?
 - Implementation schedule
 - Enforcement plan
 - Metrics to track progress over time

Community Emission Reduction Programs (cont'd)

- CERPs include measures developed to reduce emissions and improve air quality in selected communities
 - Commitments by District, CARB, local government, and other state agencies
- CERP document must be completed and approved 1 year after a community is selected under AB 617
 - Requires approval by District Governing Board and CARB

AB 617 Year 1 Community Selection Process

- Through public process, District established community prioritization methodology
 - CalEnviroScreen overall scores
 - Diesel particulate matter
 - Population weighted exposure to high concentrations of ozone and PM2.5
 - Poverty
- July 2018: District submits Year 1 recommendations to CARB
 - Recommended North Bakersfield, South Central Fresno, and City of Shafter
- September 2018: CARB selects Year 1 communities
 - 10 communities selected statewide for initial year
 - In Valley, selected South Central Fresno and the City of Shafter

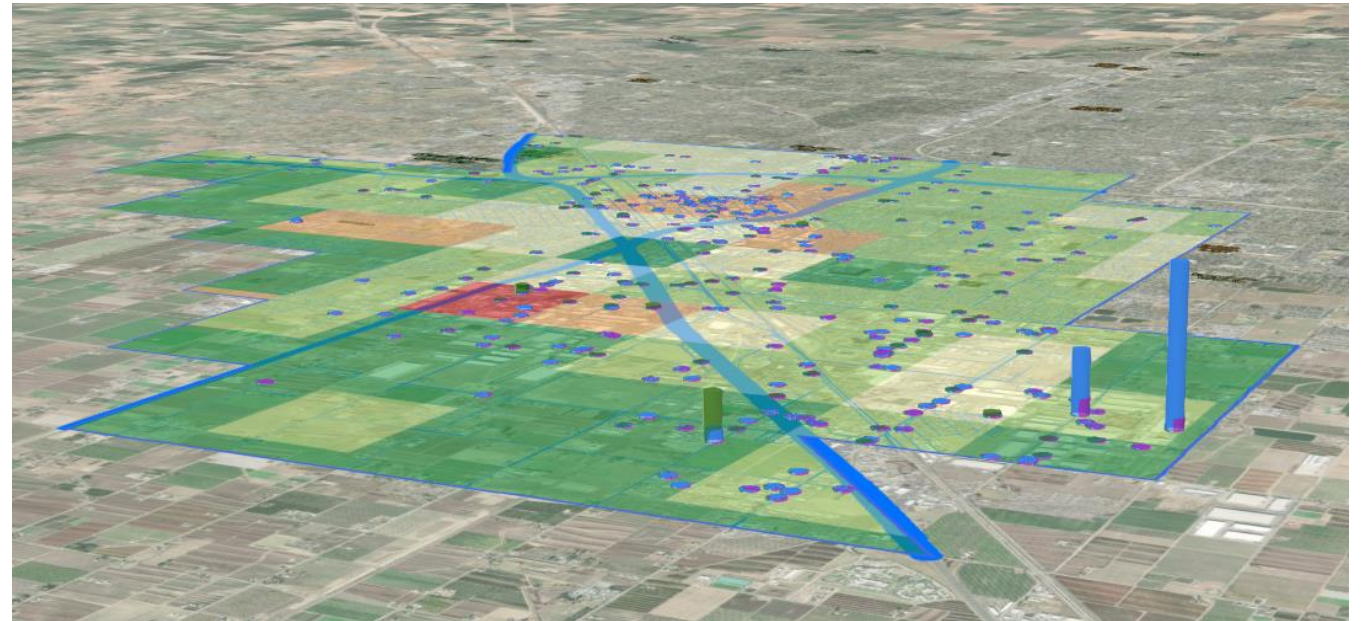
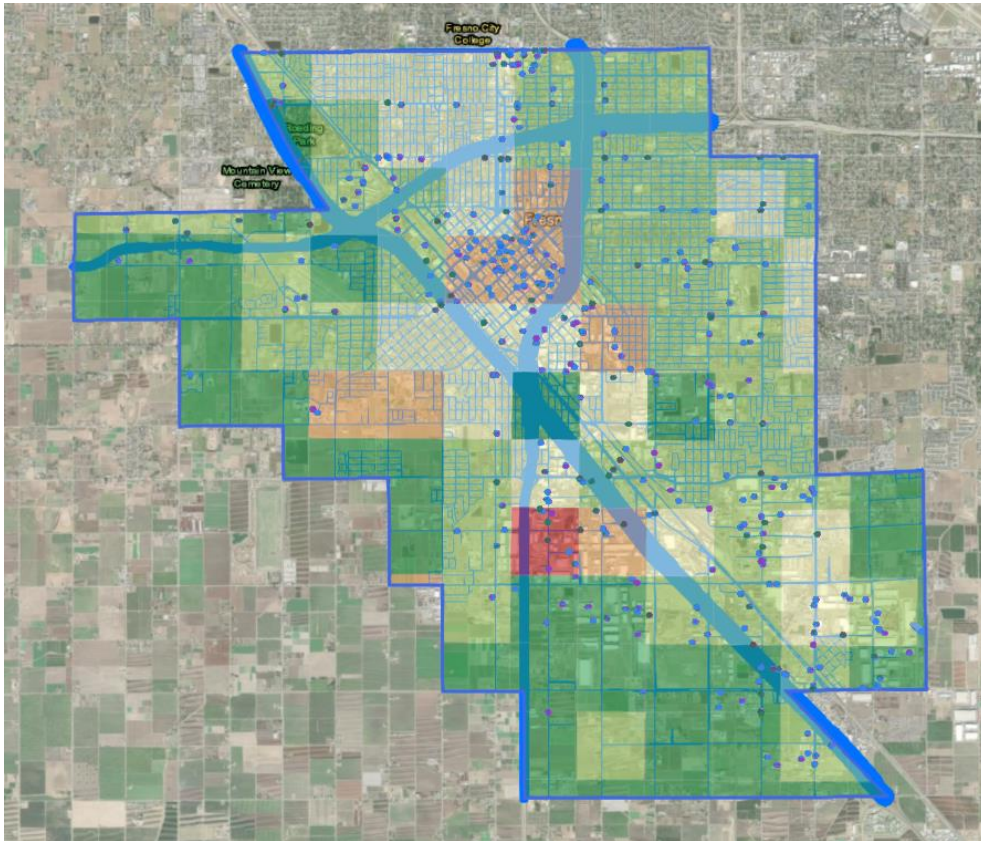
AB 617 Implementation Progress for Year 1 Communities

- Community Steering Committees established for each community in the Fall of 2018
 - Majority of committees are residents of community
 - Also includes workers and business owners, community groups, city and county representation



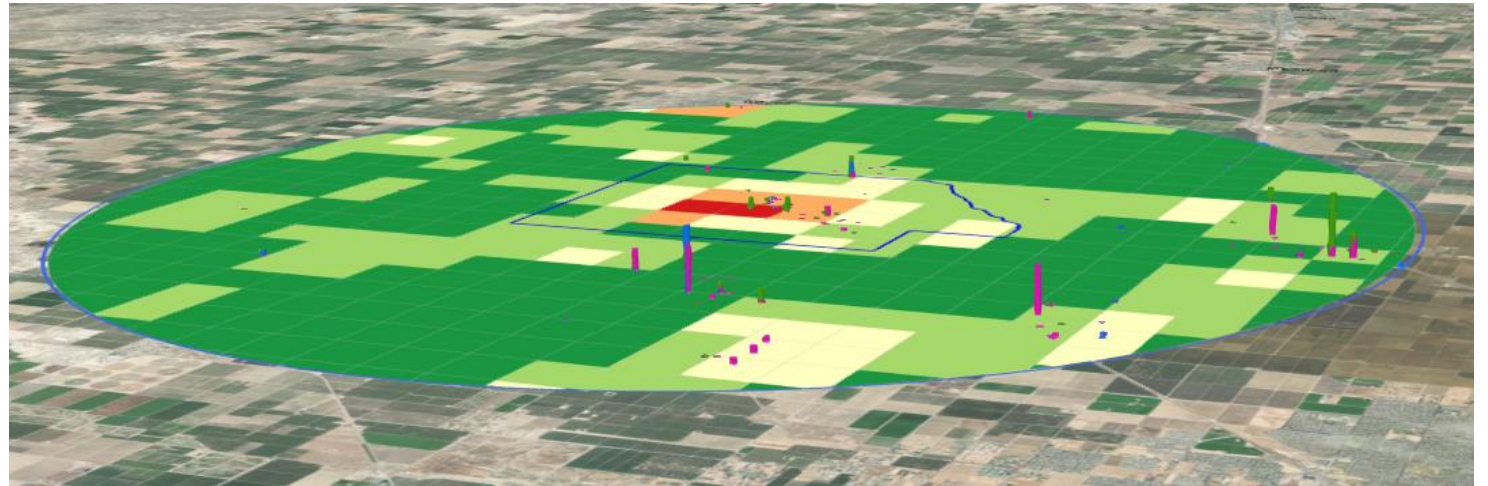
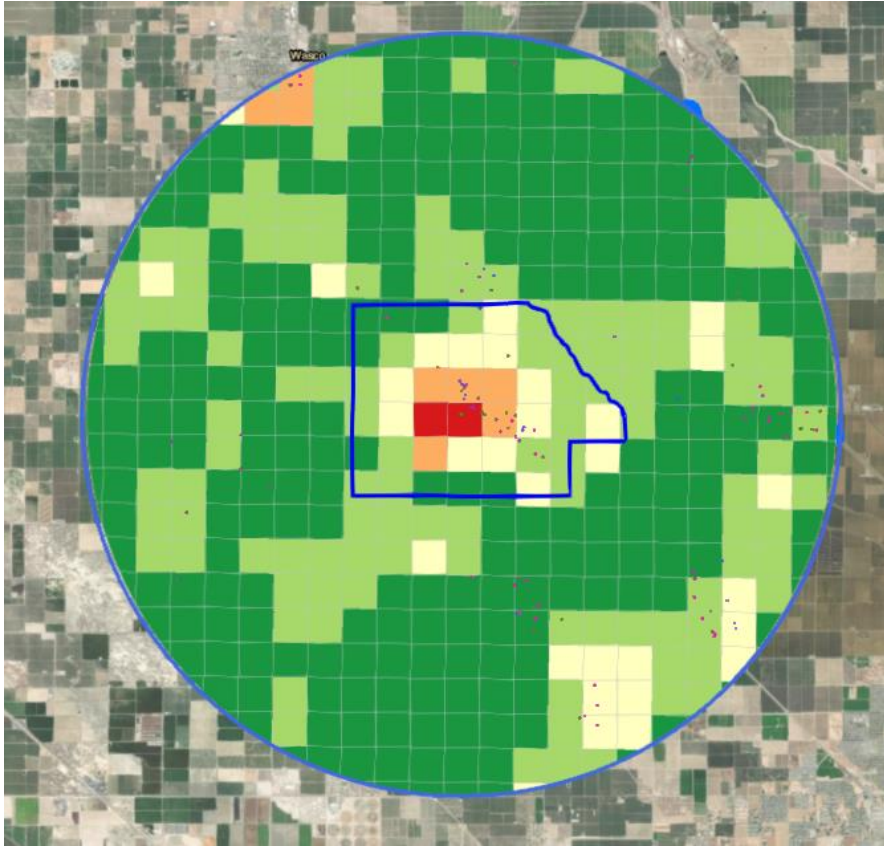
AB 617 Implementation Progress for Year 1 Communities (cont'd)

- Review of community level emissions inventory: South Central Fresno



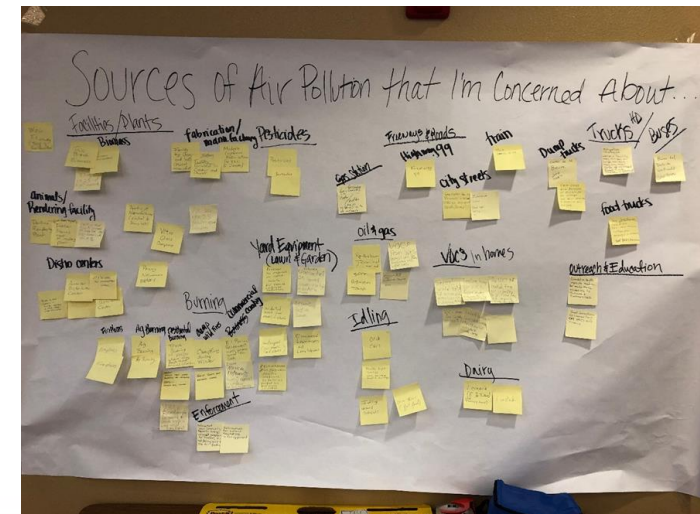
AB 617 Implementation Progress for Year 1 Communities (cont'd)

- Review of community level emissions inventory: Shafter



AB 617 Implementation Progress for Year 1 Communities (cont'd)

- Numerous steering committee meetings held since Fall of 2018
 - Discussion on a significant number of topics
 - Implementation of community air monitoring networks has begun
 - Nearing completion of CERPs for both communities (must be submitted to CARB by October 2019)



AB 617 Implementation Progress for Year 1 Communities (cont'd)

- Significant recent investment of incentive funding to support goals of AB 617
 - 24 zero-emission all-electric school buses to replace older high-polluting diesel buses
 - 6 older locomotives replaced with cleanest available technology
 - More than 650 pieces of older, high-polluting off-road equipment replaced with cleanest available technology
 - 8 older, high-polluting on-road trucks replaced with near-zero emission natural gas technology



AB 617 Year 2 Implementation Timeline

- District beginning process for Year 2 community recommendations
 - Recommendations must be submitted to CARB in Fall 2019
 - CARB to make final community selections in December 2019, ahead of January 1, 2020 deadline
 - New community air monitoring networks to be implemented by January 2021
 - New community CERPs to be submitted to CARB by January 2021

Community Feedback Received

- Consider updating District's prioritization methodology and recommendations
 - Multiple complex criteria used by District in Year 1
- Consider placing greater focus on community prioritization and recommendations in Northern Region
 - Year 1 communities in Central and Southern Regions
 - Significant community interest in Northern Region (e.g. Stockton)

Community Feedback Needed

- Methodology for identifying and prioritizing Valley communities for Year 2 recommendations to CARB
- Nominations for Valley communities for Year 2 consideration
 - <http://community.valleyair.org/community-identification>
 - Recommendations requested by August 27, 2019

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Open Discussion

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