

# AB 617: Protecting Community Health

## MAQIP Task Force Meeting

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West Oakland Community Action Plan  
Partnership:

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Project

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## Community Imperative

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- Reduce exposure to Toxic Air Contaminants and PM 2.5
- Regulatory and non-regulatory policies needed
- Community Partnership
- Show progress towards goals

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# Cumulative Impacts and Community Health

Air Quality studies and research show:

- **Localized exposure to PM<sub>2.5</sub> and Diesel PM**
- **Vulnerable populations, poor health and lower life expectancy**
- Other socioeconomic conditions
- Many strategies reduce *emissions*; Ultimate goal is to reduce *exposure*



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## Technical Assessment

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- Emissions Inventory
- Modeling
- Air Quality Monitoring
- Citizen Science

# Citizen Science

As the fight for environmental justice intensifies in the Washington area, a new breed of community activist has emerged: the citizen scientist. They are ordinary residents using a basic understanding of civics and science in service to the health of their communities.

“They do their own research and they are not intimidated by the glossy presentations of industrial polluters at zoning hearings and county council meetings.”

Sacoby Wilson, an associate professor of environmental health at the University of Maryland at College Park.

# Citizen Science

- Understanding Proximity and Exposure, Sources and Emissions
- Comprehensive Enforcement Strategies for Local Municipalities
- Integrated agency planning for Goods Movement
- Strategies for Health-protective Zoning and Business Relocation
- Reform of Conditional Use Permits
- Re-analysis of Truck Routes and Logistics Operations
- Improved Signage and Communication with Industry
- Resources and Support Strategies for the Trucking Sector
- Infrastructure for the Electrification of the Freight Transportation Industry
- Green Infrastructure
- No job displacement due to zero emission plans

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## Integrate Plans and Strengthen Emission Reduction Strategies

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- City of Oakland General Plan and “West Oakland Community Plan”
- 2009 MAQIP update (beyond 2020)
- West Oakland Truck Management Plan
- Oakland Army Base Redevelopment Plan
- 2017 Clean Air Plan

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## Expected Outcomes of the West Oakland Community Action Plan

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- Emission reduction strategies in MAQIP and Plan should be consistent:
  - Zero and near-zero technologies
  - Truck Management
  - Increased enforcement
- Health-based land use policies for local government action
- Reduced pollution exposure and improved community health



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**Q & A**