Community Air Protection Program and Clean Air Investments

October 21 & 23, 2019
South Natomas/North Sacramento Community Meeting

Mark Loutzenhisier
Program Coordination Division

Jaime R. Lemus
Transportation and Climate Change
Purpose: Identify local air pollution impacts & invest state dollars to reduce local emissions to improve air quality in our communities
Motivation for AB 617

• Historical focus on regional air quality, significant improvements
• Need for community-level focus
• Advances in technology
• Bring funding into communities to effectively reduce localized emissions
Key Community Elements

Community-Level Air Monitoring

Identify local emissions and monitor for progress

Invest in clean air technology to improve air quality
Examples of different options for community level air monitoring due to advances in technology

Residence Backyards
The California Air Resources Board, State Agency (CARB) selects communities and investments, local air districts implements.

- **Provide Community Feedback**
  - **ONGOING**

- **Sac. Metro Air District Recommend year 2 Communities**
  - **Fall 2019**
How Did We Determine Areas With Highest Cumulative Air Pollution Impacts?

**Exposure to Air Pollution**
- Concentrations of criteria and toxic air pollutants
- Density and magnitude of industrial emission sources

**Sensitive Receptors**
- Proximity to mobile and stationary sources of concern (parks, schools, hospitals)

**Sensitive Population**
- Socio-Economic (Low Income Communities)
- Public Health Indicators (Sacramento County Health Needs Assessment)

**Question for the Community:**
- Any other factors to consider?
- Should all of these factors be weighted equally?
Community Monitoring

All data placed on our website
Currently in Phase I of deployment

http://www.airquality.org/Air-Quality-Health/Community-Air-Protection/Community-Air-Monitoring
Question for the Community

What Air Pollution Sources Are You Most Concerned About?

Regionally, transportation (cars, trucks, buses, equipment, locomotives, etc.) is the source of most pollution.
Clean Air Investments
# District Incentive Programs (FY19/20)

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>FY 19/20</th>
<th>Project Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moyer</td>
<td>$4M</td>
<td>Off-Road &amp; On-Road Heavy Duty Vehicles, Electric Charging Stations, Locomotives, School Buses</td>
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<tr>
<td>DMV $2</td>
<td>$2M</td>
<td></td>
</tr>
<tr>
<td>Community Air Protection Program Year 2</td>
<td>$14M</td>
<td>On-Road Heavy Duty</td>
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<tr>
<td>SECAT Green Region</td>
<td>$3.3M</td>
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<tr>
<td>FARMER</td>
<td>$1M</td>
<td>Off-Road, On-Road</td>
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<tr>
<td>Carshare</td>
<td>$2M</td>
<td>Light Duty Mobility Options</td>
</tr>
<tr>
<td>Clean Cars 4 All</td>
<td>$6M</td>
<td>Light Duty Replacement &amp; Mobility Options</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>$32.3M</strong></td>
<td></td>
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</tbody>
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## Sample Projects

| Zero Emission School Buses      | Zero Emission Infrastructure |
| Nero Emission Transit Buses     | Low Emission Tier 4 Ag-Tractors, Construction, & Locomotives |
| Zero Emission Microtransit Shuttles | Zero Emission and Hybrid Car Replacements |
| Zero Emission Medium & Heavy Duty Trucks | Zero Emission and Hybrid Vehicles for Carshare & Ridehail Options |
Information & Next Steps

• **Keep informed** – Visit our Community Air Protection webpage
  • [http://www.airquality.org/Air-Quality-Health/Community-Air-Protection](http://www.airquality.org/Air-Quality-Health/Community-Air-Protection)
  • Sign-up for email updates
• **State** will select Year 2 communities December 2019
• Next South Sacramento-Florin Steering Committee meeting
  
  October 22, 2019, from 6-8 PM
  Bowling Green Elementary School (cafeteria)
  4211 Turnbridge Dr., Sacramento
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