



Cleaning the Air

in the Most Impacted Communities

Assembly Bill (AB) 617, A new opportunity

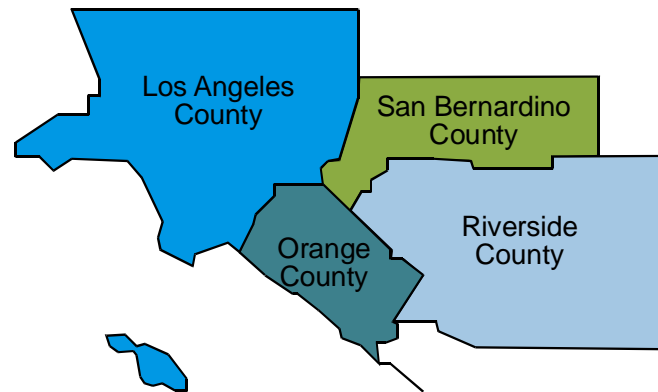


Who is the SCAQMD?

Regional Government Agency Responsible for Protecting Our Residents from the Health Effects of Air Pollution

What we do

- ▶ Develop **Air Quality Management Plan**
- ▶ Adopt air quality rules and regulations
- ▶ Issue **permits**
- ▶ Conduct **periodic inspections and respond** to air quality complaints
- ▶ Develop and deploy **clean technology**
- ▶ Conduct **air monitoring**
- ▶ **Engage** with all stakeholders
- ▶ **Public outreach and education**



Key Types of Air Pollution



Greenhouse
Gases



Criteria
Pollutants



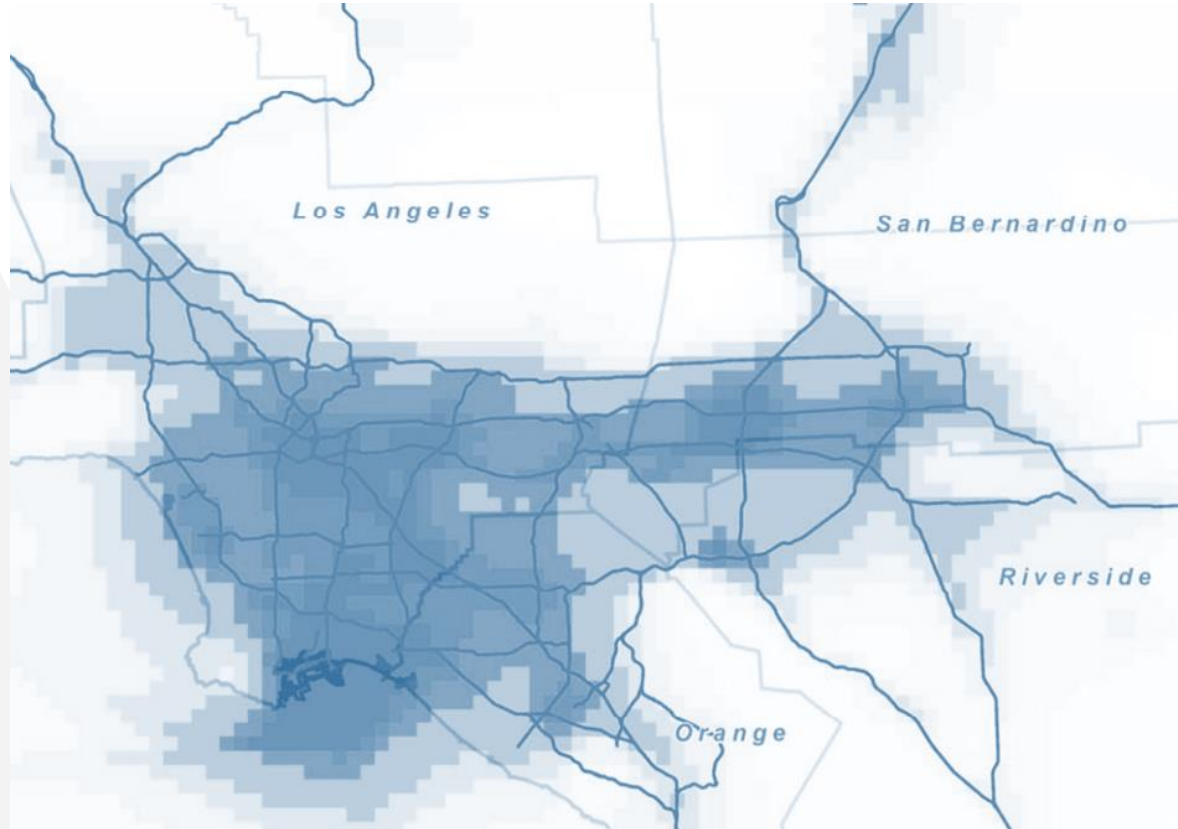
Toxic Air
Contaminants

Global

Regional

Local

Regional Air Toxics in 2005



Regional Air Toxics in 2012



Regional Air Toxics in 2012



AB 617 Goals





Emission Reduction Projects

Carl Moyer Program & AB 134



AB134

Signed by
Governor in
September
2017

Seeks early
actions to
reduce
emissions

Focus on reducing
emissions in
**disadvantaged
and low-income
communities**

**Additional
funding** for the
Carl Moyer
Program
(\$107.5 million
to SCAQMD)

Carl Moyer Program Background

- ▶ This year marks the 20th anniversary
- ▶ A voluntary grant program
- ▶ Reduces air pollution from diesel-fueled **heavy-duty vehicles and equipment**
- ▶ Provides funding to **replace older engines, vehicles or equipment** with cleaner models



Carl Moyer Program Funding



- SCAQMD awards about \$30 million each year to projects that reduce emissions
 - This funding level is insufficient to fund all projects
- More than 50% of Carl Moyer funds are used to reduce emissions in disproportionately impacted areas

Carl Moyer Project Types

On-Road



Carl Moyer Project Types

Off-Road



Carl Moyer Project Types

Infrastructure (new)



Early Action Projects

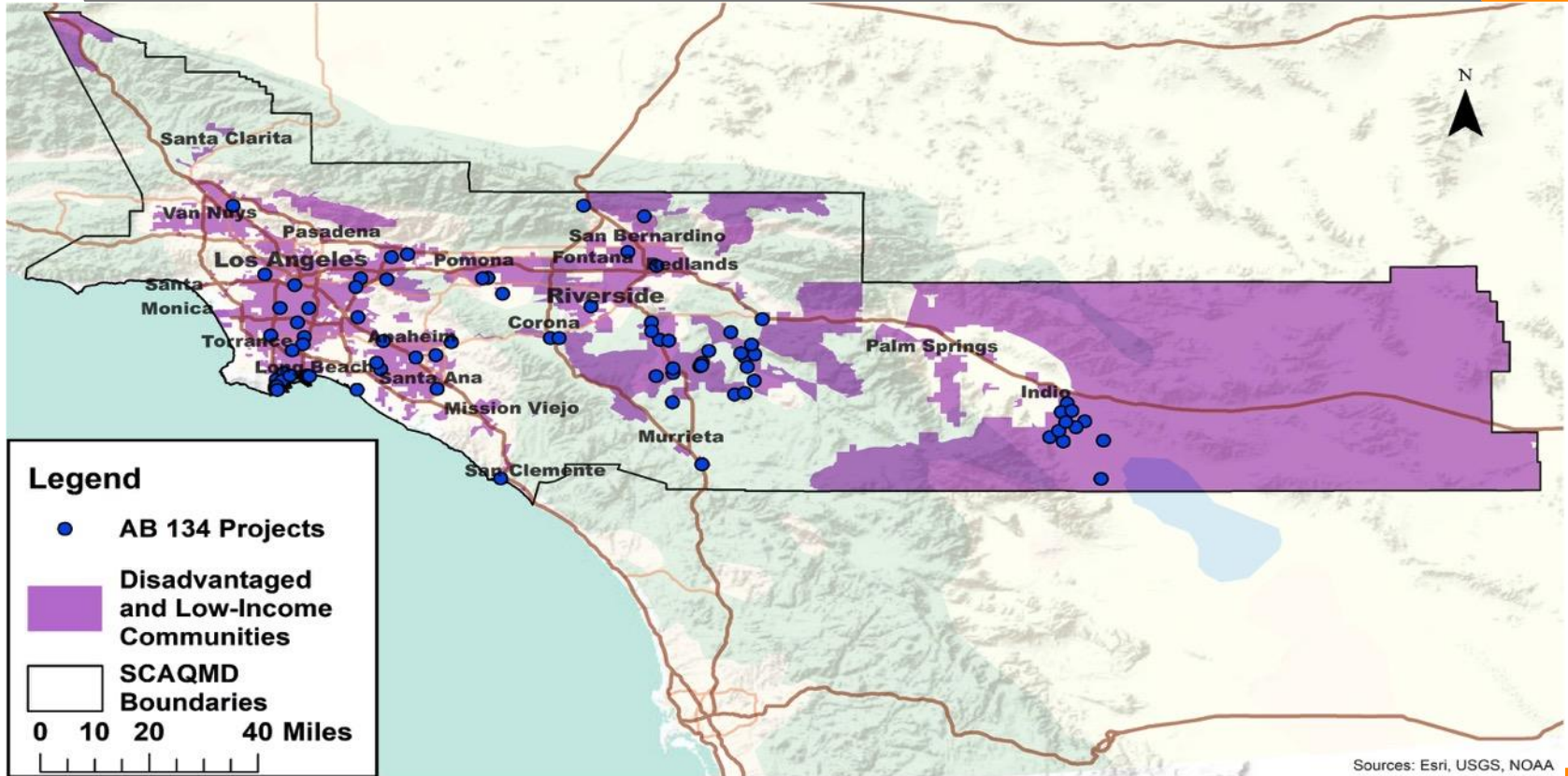
Last year's Carl Moyer Program received **\$51 million** in additional eligible projects

Projects include:

- "Zero" emission transit buses
- Drayage trucks, refuse collection vehicles, food delivery trucks – **90% cleaner than current standards**
- Off-road equipment - **cleanest equipment available**

88% are located in disadvantaged and low-income communities

AB 134 Projects



Project Selection

Projects must meet
criteria in
**Carl Moyer Program
Guidelines**

Disadvantaged and
low-income communities
receiving at least 80% of
funding

2018 Proposed Schedule

Carl Moyer Program Announcement
(Open)

Mar 2, 2018

Workshops (Application Assistance)

April-May 2018

Program Announcement (Close)

Jun 5, 2018 (1pm)

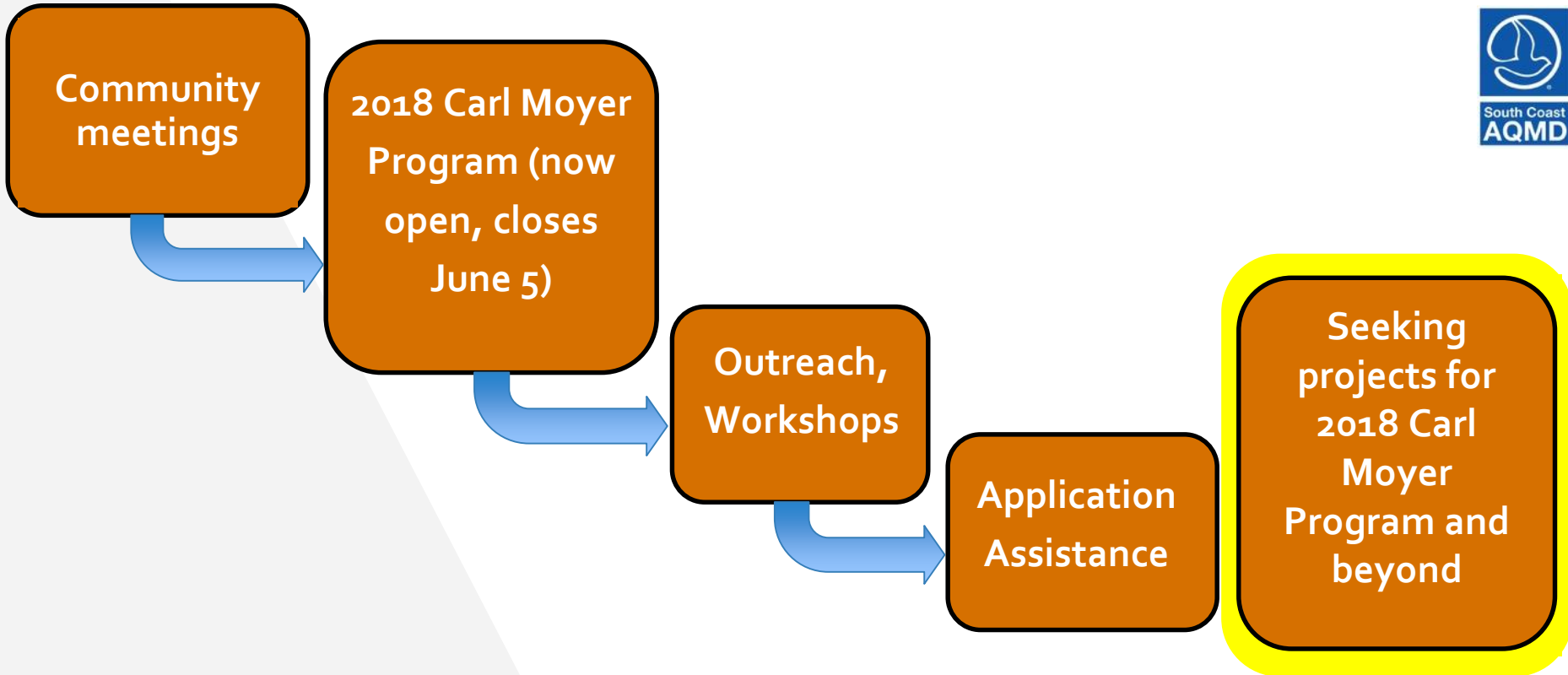
Evaluation of Projects

Jun-Sept 2018

Awards Considered by Board

Oct 6, 2018

Next Steps



Upcoming Community Meetings

Date/Time	Location	Address
March 27, 2018, 6pm	Riverside County Admin. Center	4080 Lemon St. Riverside, CA 92501
April 10, 2018, 6pm	San Manuel Gateway College, Loma Linda Univ.	250 S. G Street San Bernardino, CA 92410
April 17, 2018, 6pm	Brookhurst Community Center	2271 W. Crescent Ave. Anaheim, CA 92801

Hosted by SCAQMD



Summary

- AB 134 provides immediate funding for projects that will reduce emissions in environmental justice communities
 - \$51 million in eligible projects “ready to go”
- Seeking project ideas for the 2018 Carl Moyer Program
- Input on future projects as additional funding becomes available

Five Main AB617 Elements

Community
Air
Monitoring

Community
Emission
Reduction
Plan

Best
Emission
Controls

Easier
Access to
Emissions
Data

Clean
Technology
Investments

Which Communities?



Approach

Community
Input

Available
Information

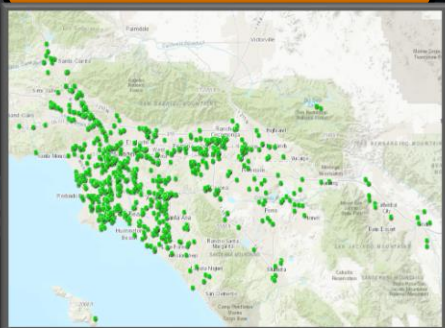
Community
Identification
&
Prioritization



Available information

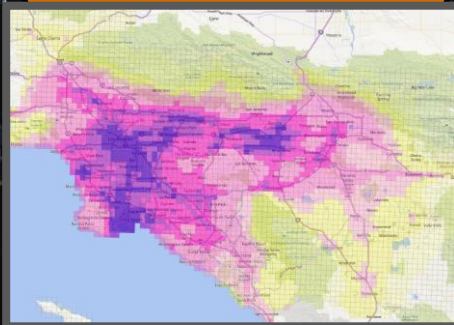
Source Location

Permitted Facilities,
Freight and
Transportation Corridors



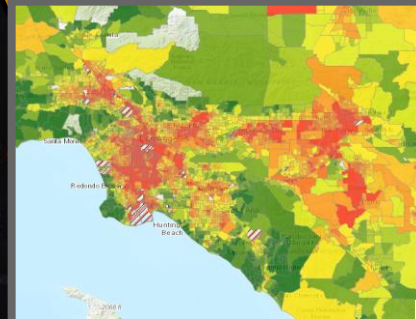
Multiple Air Toxics Studies (MATES)

Air Toxics Cancer Risk

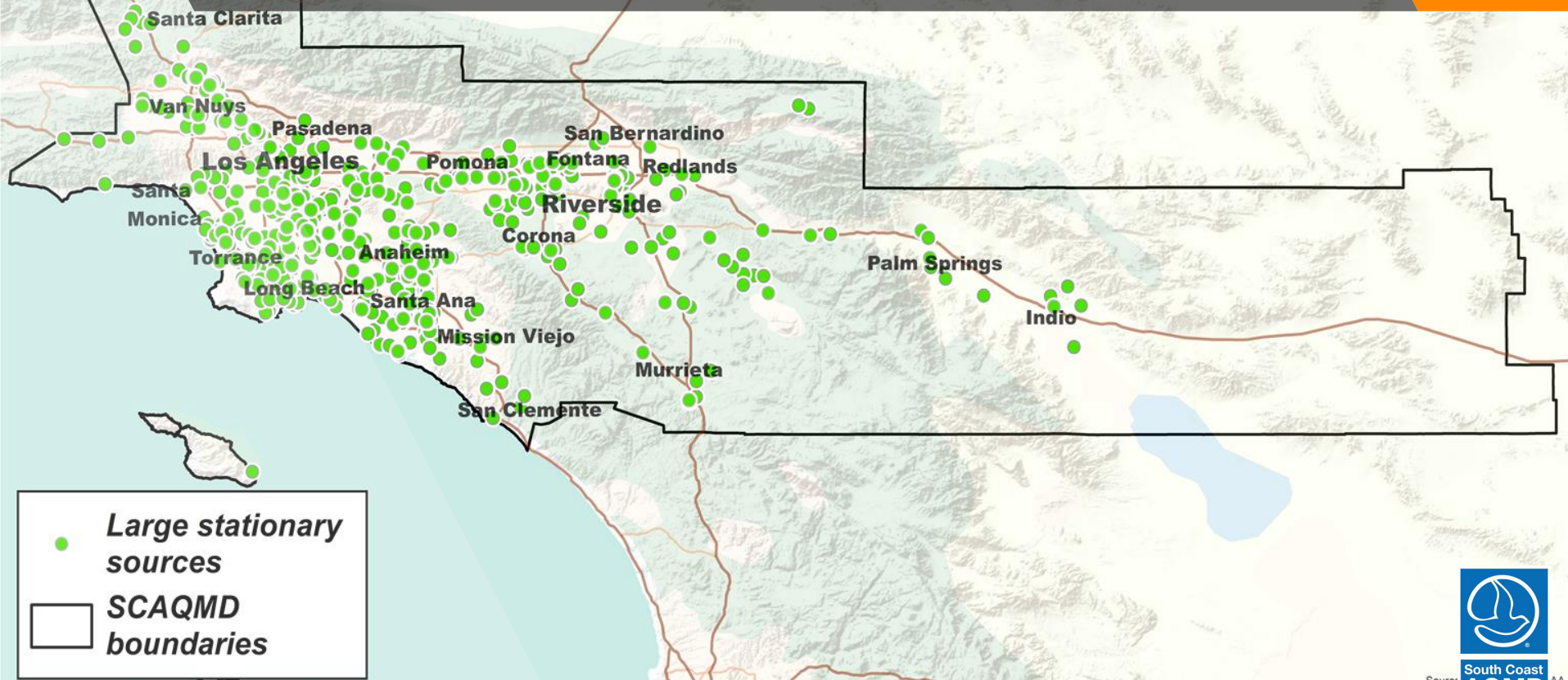


CalEnviroScreen 3.0

Socioeconomic Factors,
Environmental Factors



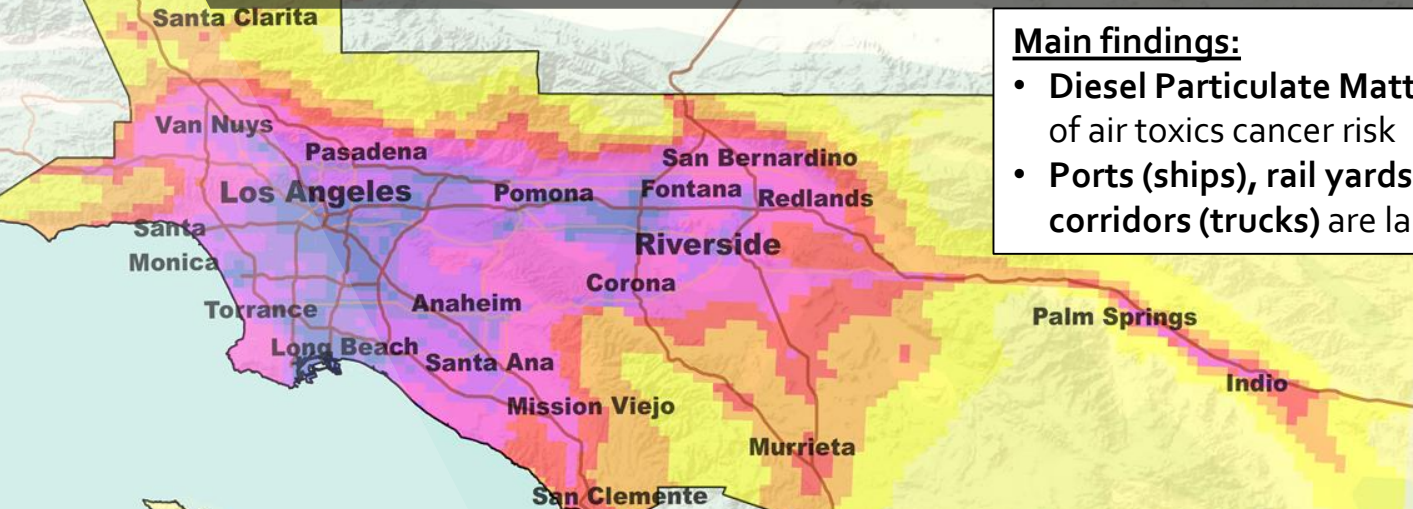
Source location



Air Toxics Cancer Risk

Main findings:

- Diesel Particulate Matter (PM) accounted for 2/3 of air toxics cancer risk
- Ports (ships), rail yards and goods movement corridors (trucks) are large sources of diesel PM.

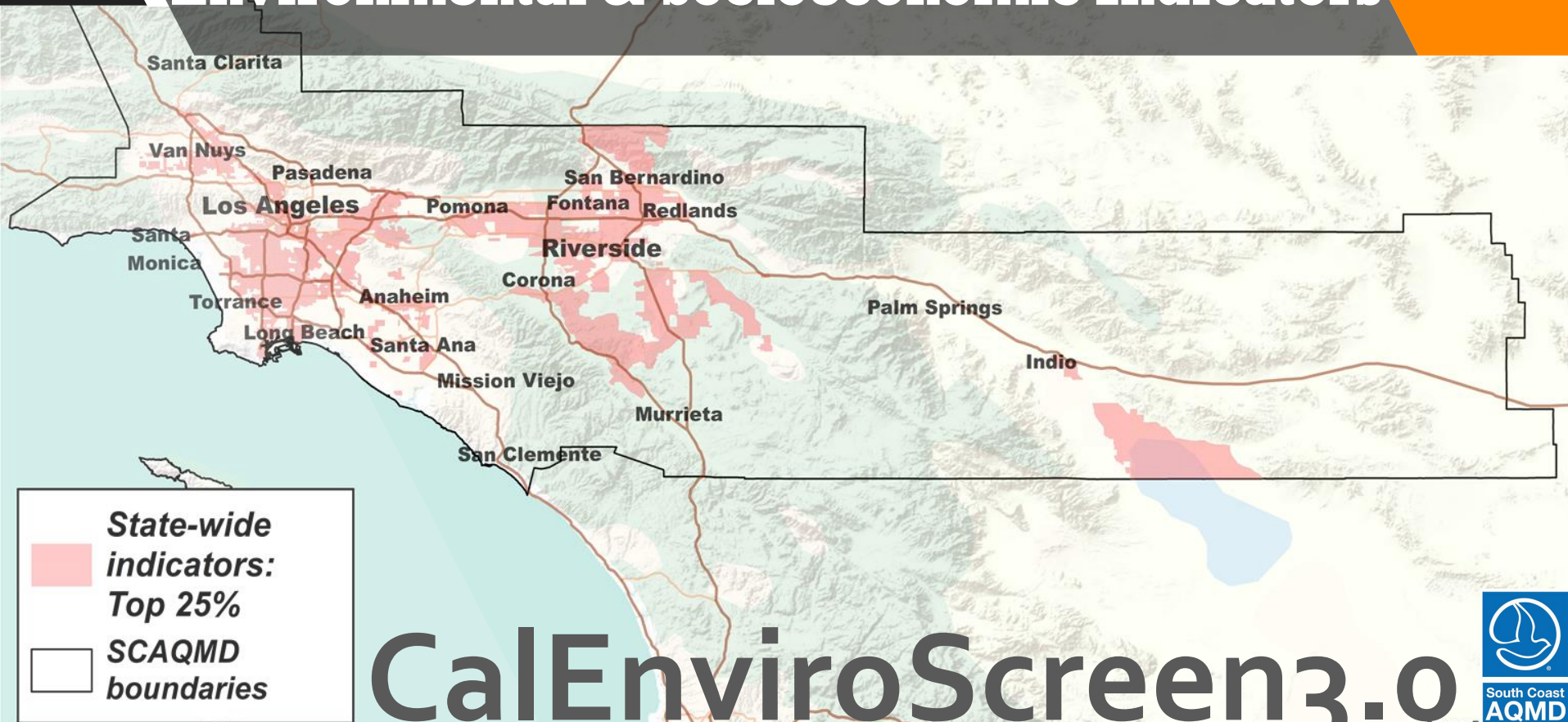


Cancer Risk Per Million



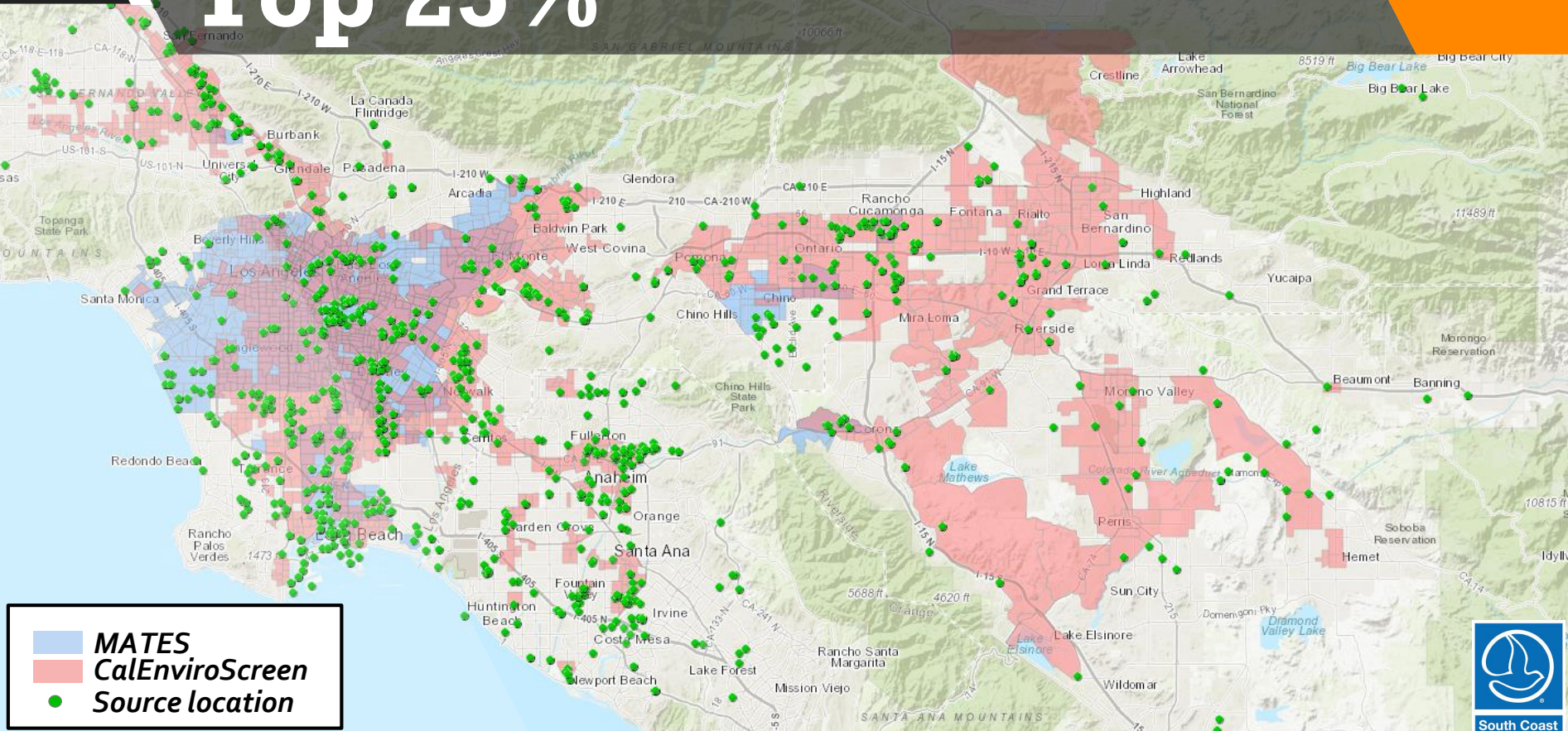
MATES IV

Environmental & Socioeconomic Indicators

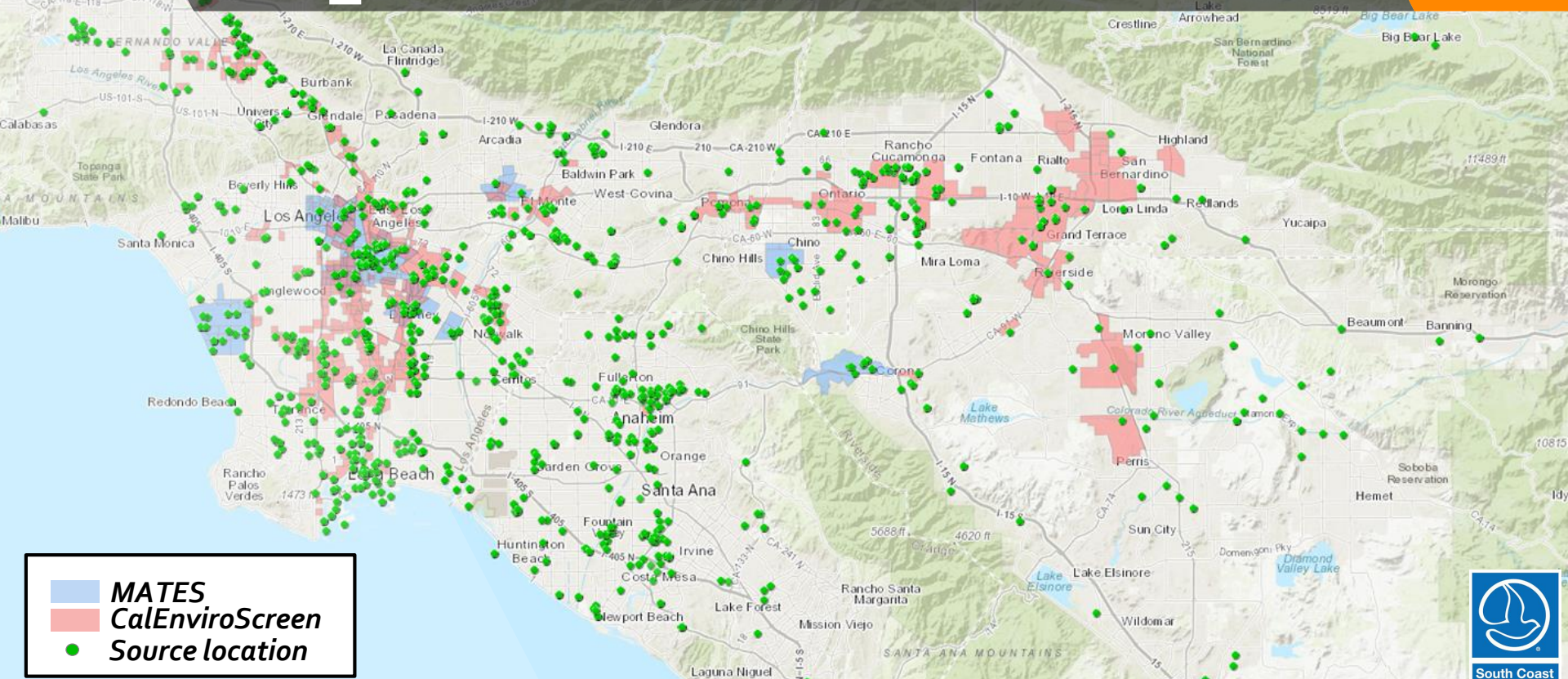


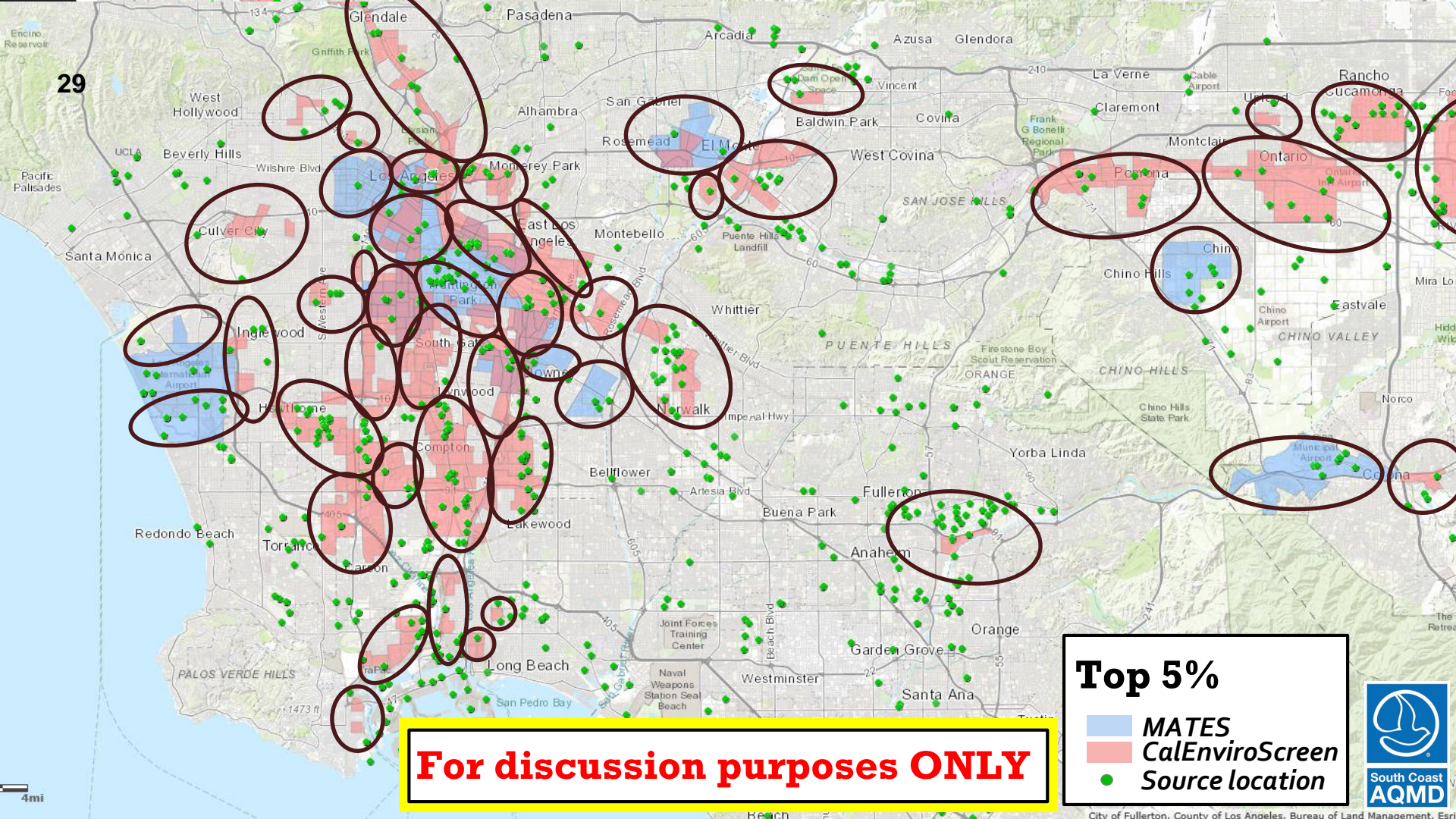
CalEnviroScreen3.0

Top 25%



Top 5%





29

For discussion purposes ONLY

Top 5%

- MATES
- CalEnviroScreen
- Source location



Additional Considerations

Past or current
community
monitoring and/or
emission reduction
programs

Local
administrative
and technical
resources

Community
Interest and
readiness,
participation
and
partnerships

Discussion

- ▶ What type of information should we consider for selecting and prioritizing communities?
- ▶ What is the best way for us to get your input? (Email, website, social media, city governments...etc.)

For additional information:

Email: ab617@aqmd.gov

Phone number: (909) 396-3314

Feedback

- **Community identification & prioritization approach**
- **Definition of “Community”**
- **Specific community recommendations**

***AB 617 Community Self-Recommendation Form
Available at www.AQMD.gov/AB617***

- Community location
- Description of the community
- Description of needs
- Description of air pollution concern

**By
May 7th
2018**

Email to: ab617@aqmd.gov
Mail to: South Coast AQMD
Attn: AB617 forms
21865 Copley Dr.
Diamond Bar, CA 91765

2018 Timeline

Feb-
April

- SCAQMD receives public input on community selection criteria and recommendations

May-
June

- SCAQMD staff draft report of community selection and prioritization and seek public feedback on draft

July

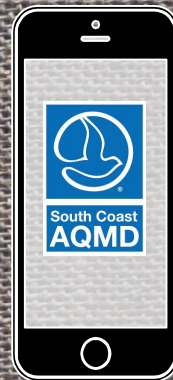
- SCAQMD Board considers list of communities and prioritization

Oct

- CARB Board considers statewide AB617 strategy

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connected**

www.aqmd.gov/ab617



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<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134>