

January 10, 2022



BAY AREA AIR QUALITY
MANAGEMENT DISTRICT



Wildfire Response:

Clean Air Centers for Vulnerable Population Grant Program (AB 836)

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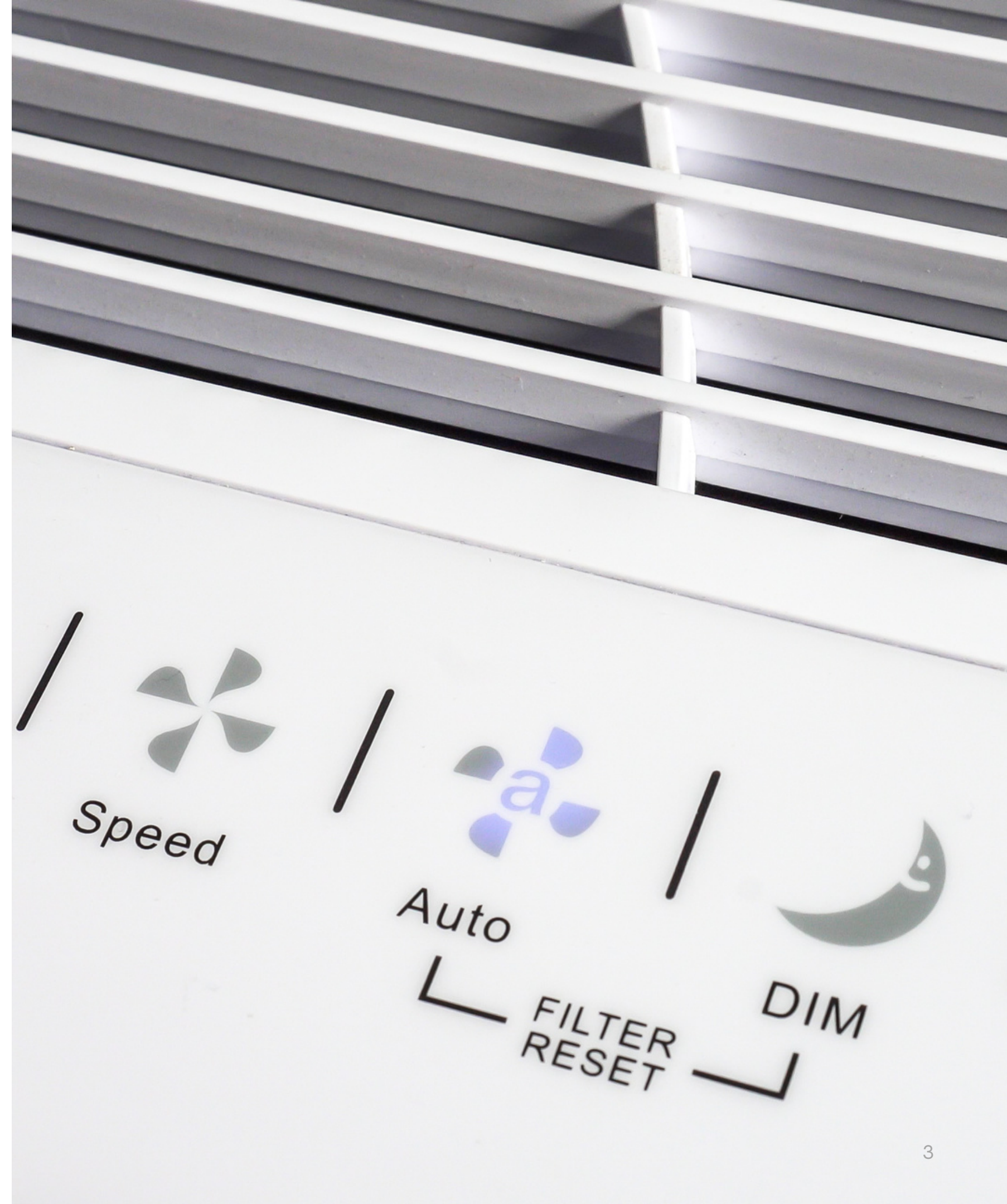
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Objective of AB 836

Help fund ventilation retrofit projects or portable air cleaners to provide vulnerable communities access to facilities with cleaner air when wildfire or other smoke events impacts the region.

\$3M of the \$5M from AB 836 was allocated to Bay Area Air Quality Management District.



Clean Air Center - Project Types

Facility Ventilation Upgrade

- Funding for facility ventilation retrofits and high efficiency air filtration systems (MERV 13 or greater) in smoke burdened areas and those in close proximity to disadvantaged communities.

Portable Air Cleaner

- Funding for purchase of portable air cleaners for facilities in vulnerable and smoke burdened communities designated as emergency shelters.
- Must be certified by CARB and equipped with HEPA filter.

Air Filter Replacements

- Funding for HEPA or MERV 13 or greater replacement filters

Clean Air Center - Facility Types

Criteria

1. Facilities located in schools in or near historically underserved communities
2. Facilities that are close to and provide easy access for vulnerable populations
3. Facilities that have a reasonable capacity to meet the possible clean air center needs of vulnerable populations
4. Facilities that are ready for ventilation and filtration installation, upgrades, or retrofits

Recommended types

Community Center

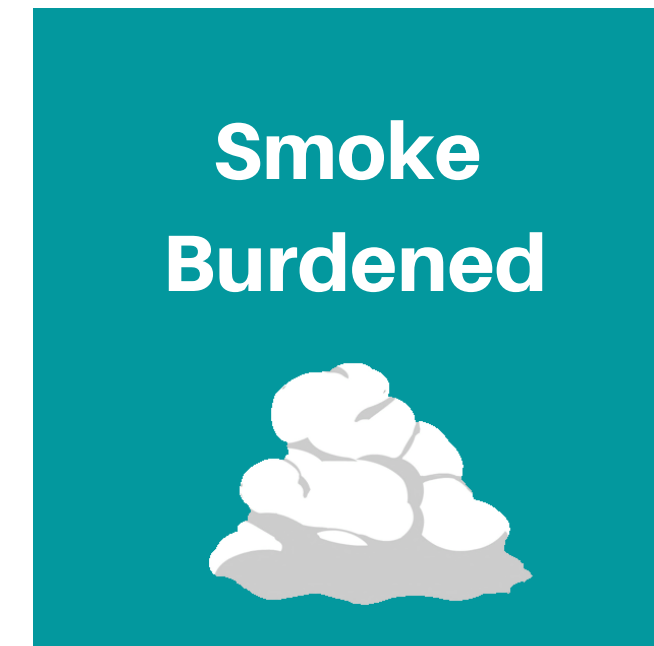
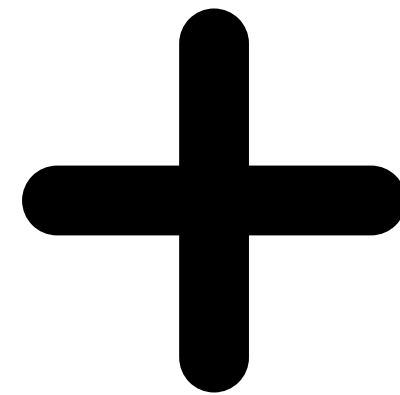
Library

School

Senior Center

Sports Center

Vulnerable Communities



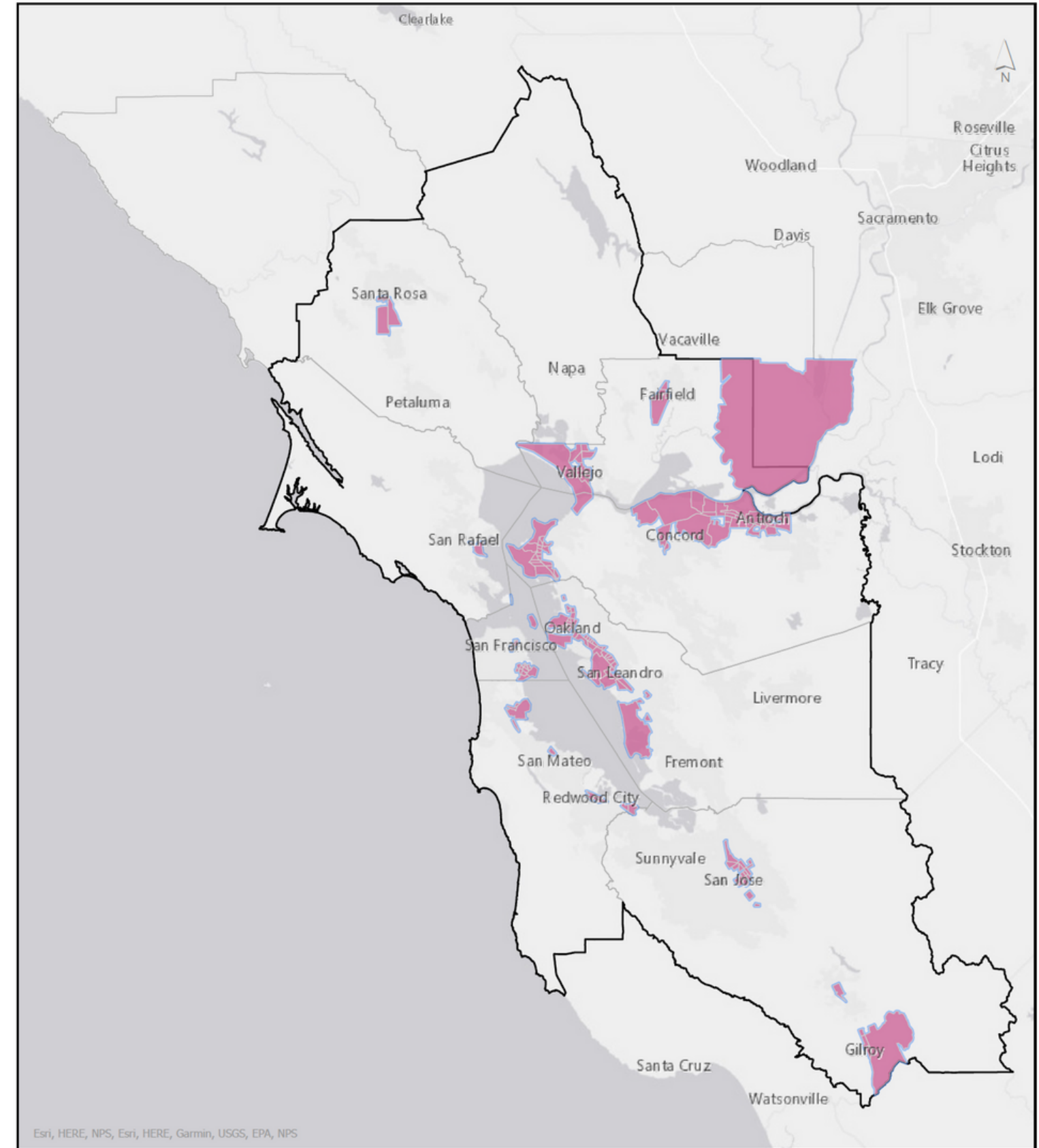
Historically Underserved Communities

Communities scoring in the top 30% of CalEnviroScreen 4.0

<https://arcg.is/0jTT4j>

CalEnviroScreen Version 4.0 Results - San Francisco Bay Area

Top 30% CalEnviroScreen Scores
Percentile < 70 70 - 100



Esri, HERE, NPS, Esri, HERE, Garmin, USGS, EPA, NPS

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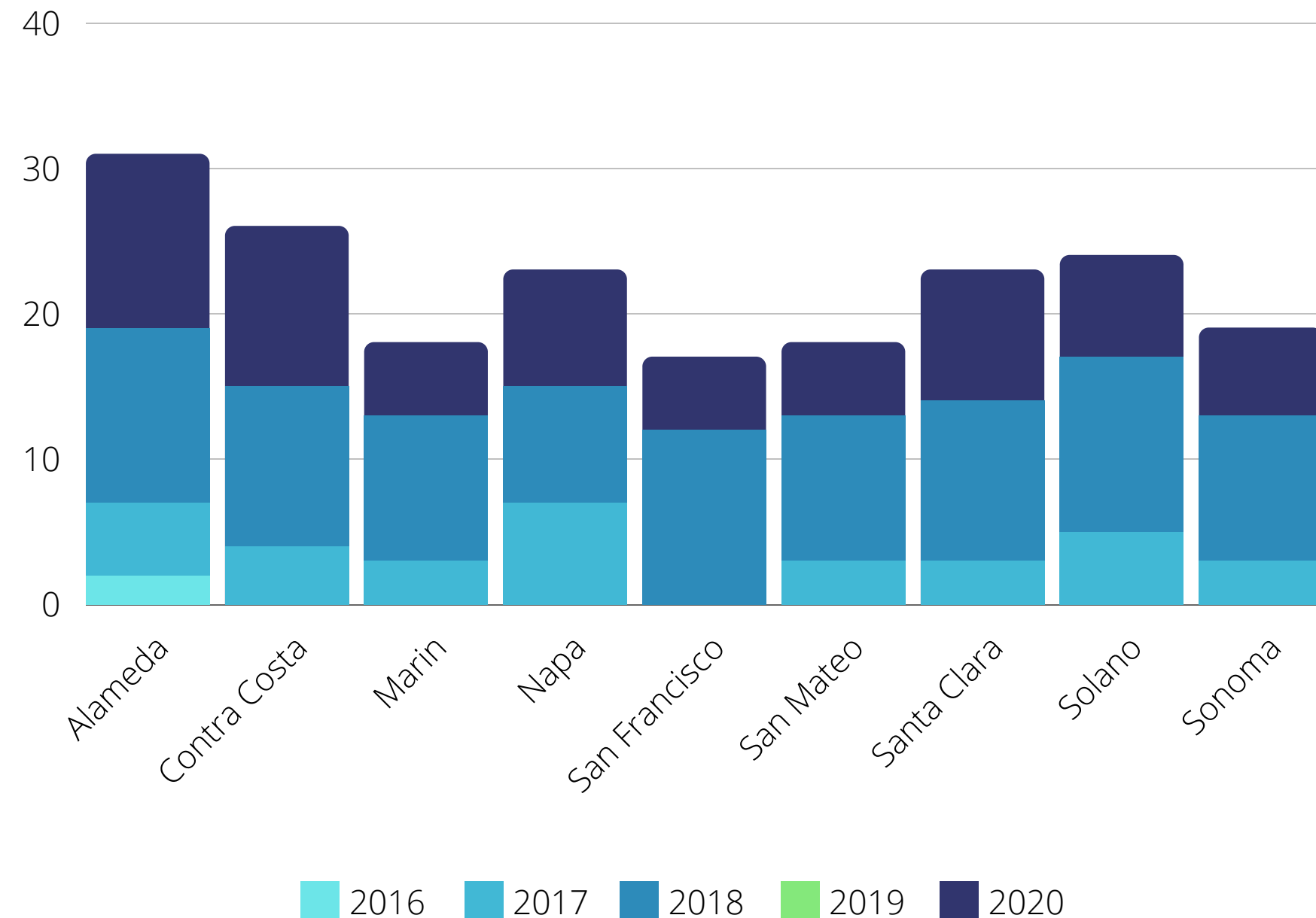
BAAQMD Jurisdiction 1000 ft. Buffer 0 5 10 20 Miles

Smoke Burdened

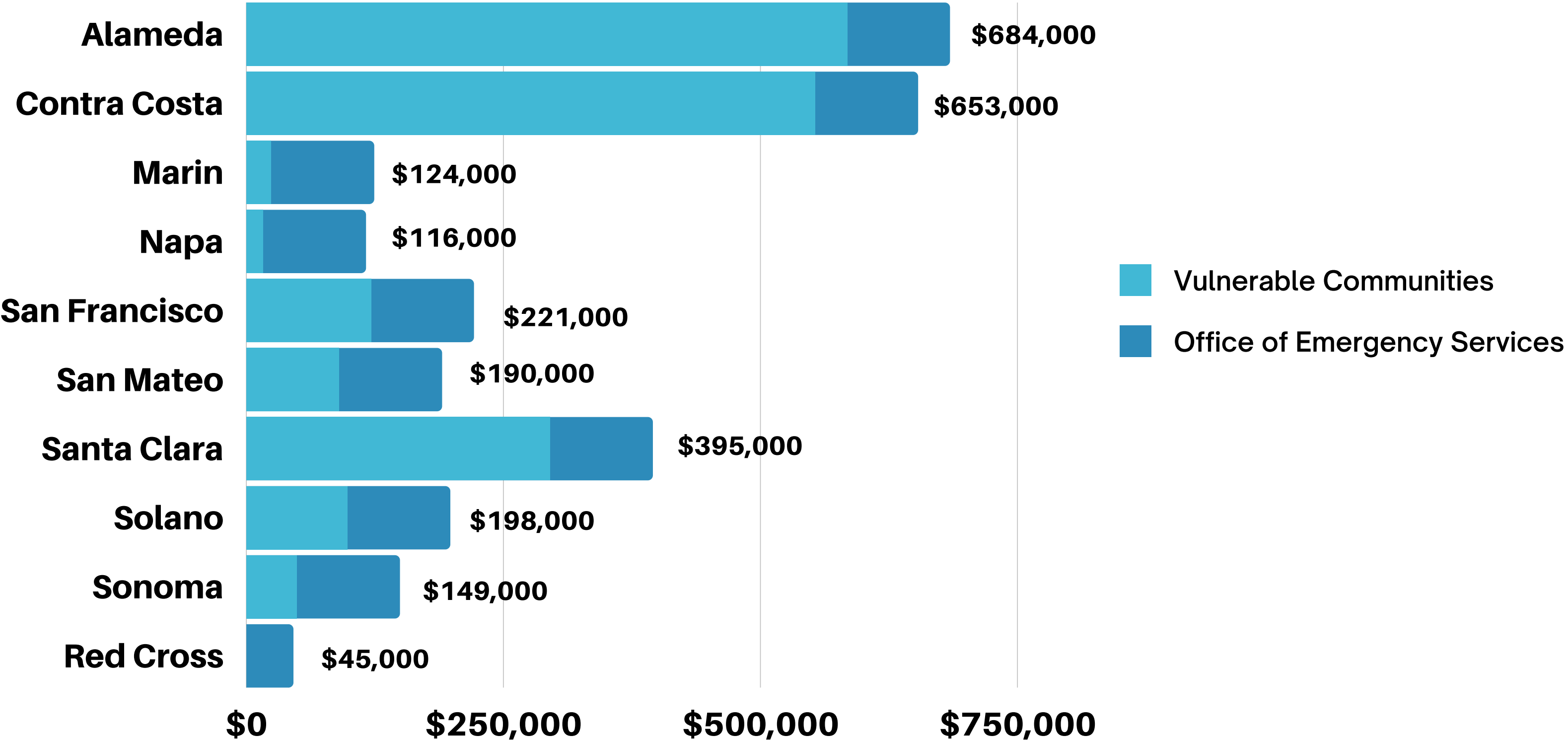
Multiple days at or above EPA's "Unhealthy" category of AirNow Air Quality Index (or Air Quality Index of 150 or higher) in the past five years.

www.epa.gov/outdoor-air-quality-data/air-quality-index-report

No. of Days with AQI > 150 (2016-2020)



Total Funding Allocation



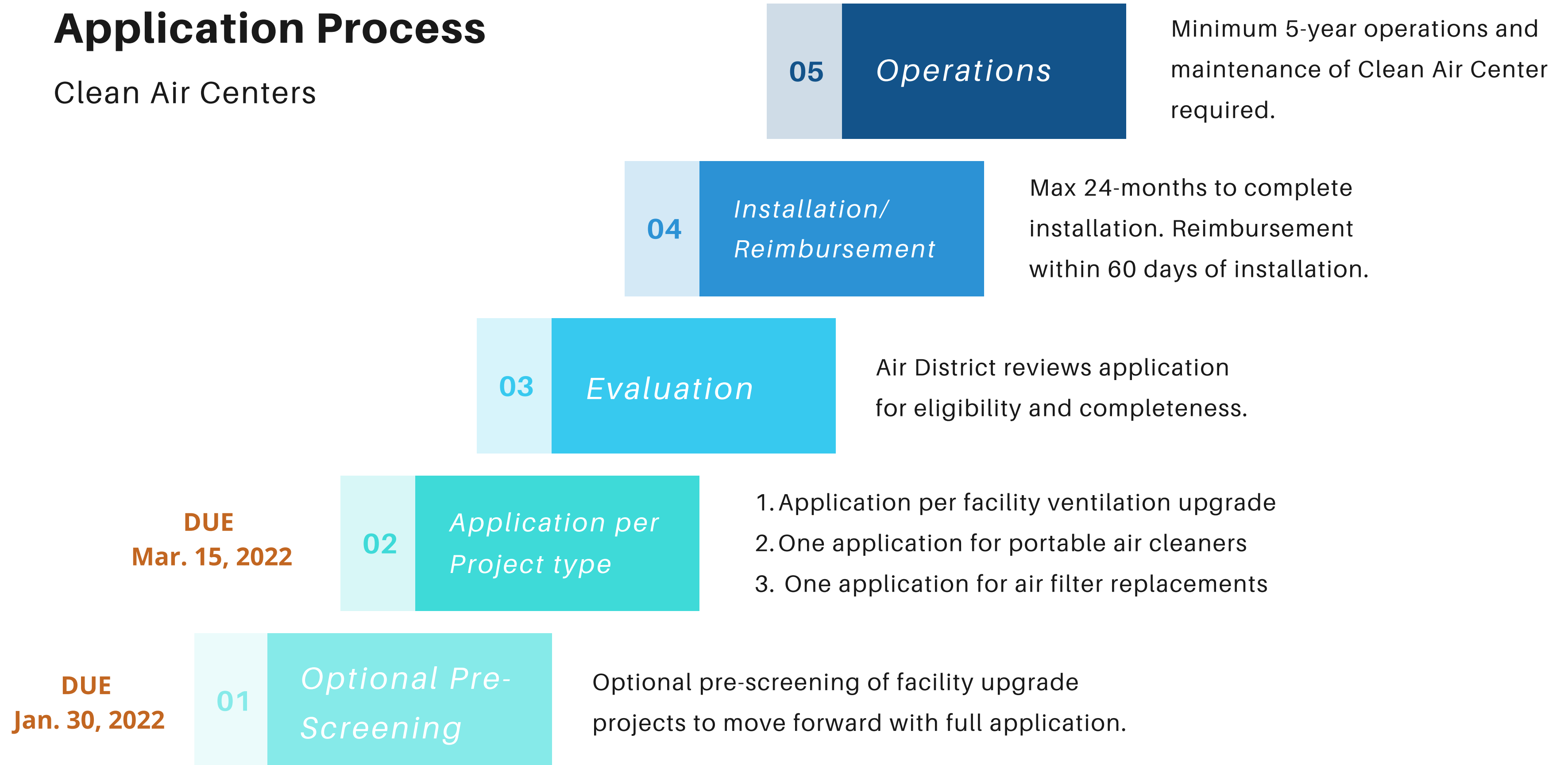
Eligible Applicants

- County-level agency in coordination with cities and communities
- Red Cross
- Have to own the property or provide evidence from property owner allowing to install and operate Clean Air Center
- Religious institutions are not eligible
- One application per County



Application Process

Clean Air Centers

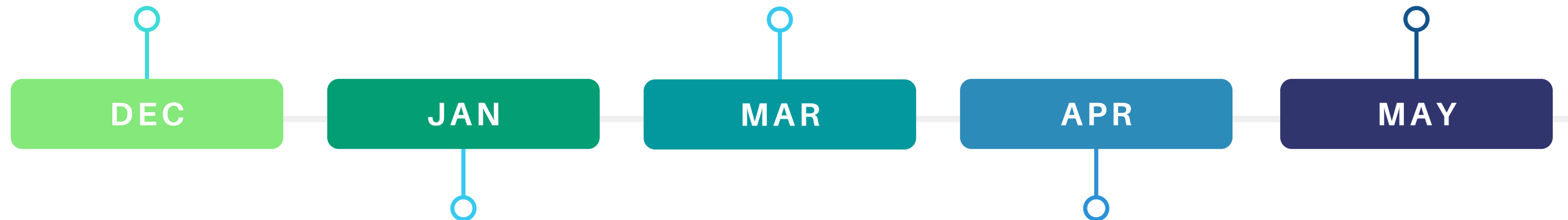


ROADMAP

Clean Air Centers

MILESTONES:

- Meeting with County agencies
- Release optional pre-screening of retrofits
- Release admin draft



MILESTONES:

- Applications due Mar 15

MILESTONES:

- **Community Public Workshop**
- Release solicitation Jan 30
- Submit pre-screening for retrofits
- Release draft guidelines

MILESTONES:

- Notice of proposed awards released

MILESTONES:

- Evaluation of applications by BAAQMD and CARB



Introduction

Definitions, program overview, eligible applicants, application process



General Program Details

Funding, project types, facility types



Guidelines per Project Type

Facility ventilation upgrades, portable air cleaners, air filter replacements



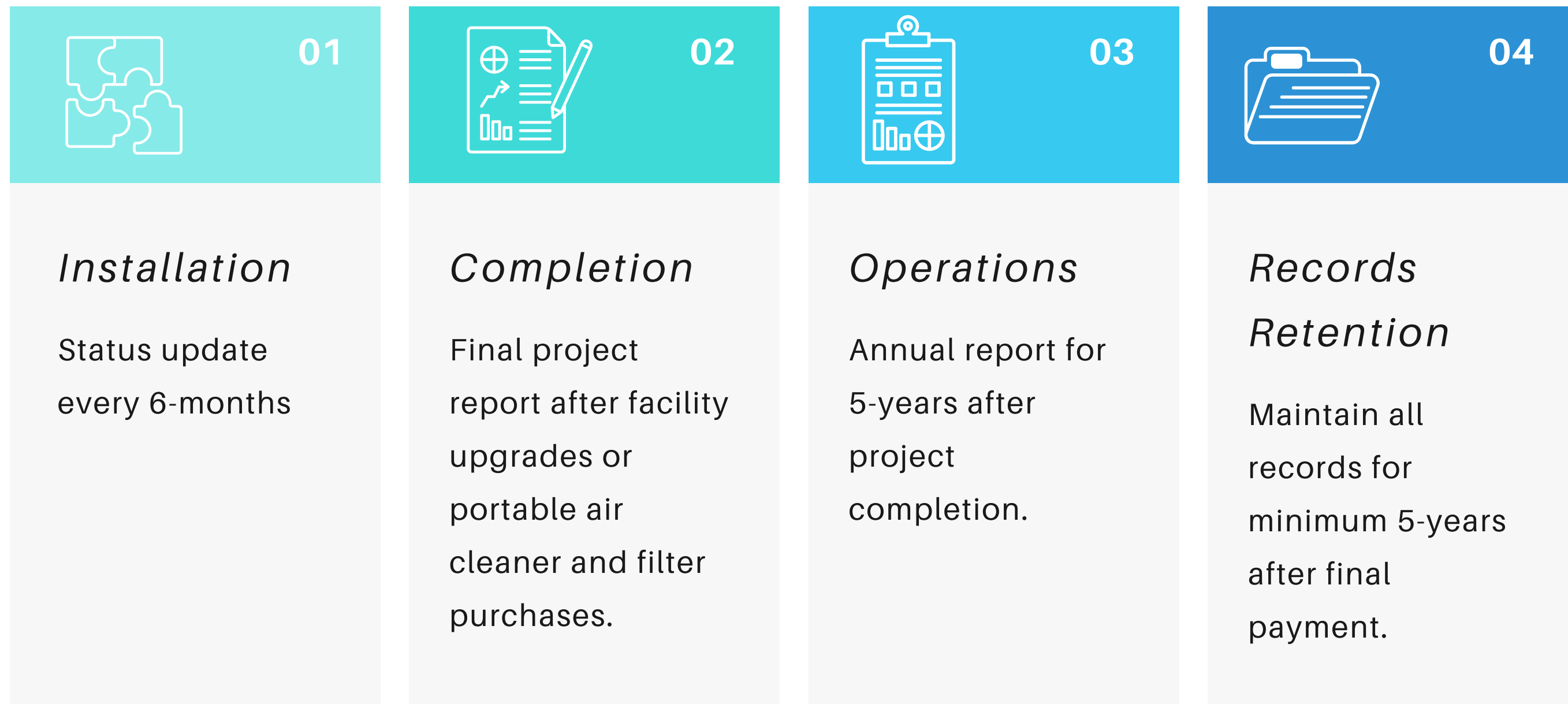
Appendices

HVAC Assessment and Verification reports, portable air cleaner bulk pricing list, insurance guidelines, application forms and reporting checklists

Clean Air Center Guidelines Layout

Reporting Requirements

Clean Air Centers



A photograph showing a close-up of a large, cylindrical metal duct system. The duct is composed of several horizontal sections held together by metal bands. To the right of the duct, there is a white, diamond-patterned mesh filter. The background is a plain, light-colored wall.

FACILITY VENTILATION UPGRADE

Project Details:

Location:

In or near disadvantaged communities.

Eligible Costs

- Equipment costs for the purpose of air filtration upgrade;
- Installation, including labor, materials (e.g., trenching, wiring, signage, and conduit), and necessary electrical upgrades to meet the demands of the clean air center;
- Maintenance for up to 5 years;

Ineligible Costs

- Pre-assessment/quotes
- Administrative costs
- Operational costs
- Air Quality Monitoring Device
- Environmental review
- Facility approvals and coordination costs
- Costs to improve the clean air center that are not directly related to the project

PORTABLE AIR CLEANER



Project Details:

Location:

Highest need at time of wildfire smoke emergency with priority for disadvantaged communities.

Eligible Equipment

- Portable air cleaners certified by California Air Resources Board for sale and use in California AND equipped with HEPA filter.

Eligible Costs

- Portable air cleaners
- Maintenance for up to 5-years

Ineligible Costs

- Admin
- Labor
- Operations

Purchasing Options

1. Buy a CARB certified portable air cleaner directly from vendor and request reimbursement from BAAQMD
2. Purchase from BAAQMD Bulk Pricing list. Request type and quantity and BAAQMD will purchase directly and ship



AIR FILTER REPLACEMENTS

Project Details:

Location:

Highest need at time of wildfire smoke emergency with priority for disadvantaged communities.

Eligible Equipment

- Air filters rated MERV 13 or greater
- HEPA air filters

Eligible Costs

- Filters
- Maintenance for up to 5-years

Ineligible Costs

- Admin
- Labor
- Operations



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MANAGEMENT DISTRICT



CALIFORNIA
AIR RESOURCES BOARD

Comments

www.baaqmd.gov/cleanaircenters

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Live Exercise

Live mapping exercise to help identify locations for Clean Air Centers that would best serve your community during a wildfire or other smoke events.

This map will remain open for the duration of the program on our website at:

Link to map: <https://rspcerp.mysocialpinpoint.com/clean-air-centers#/>

