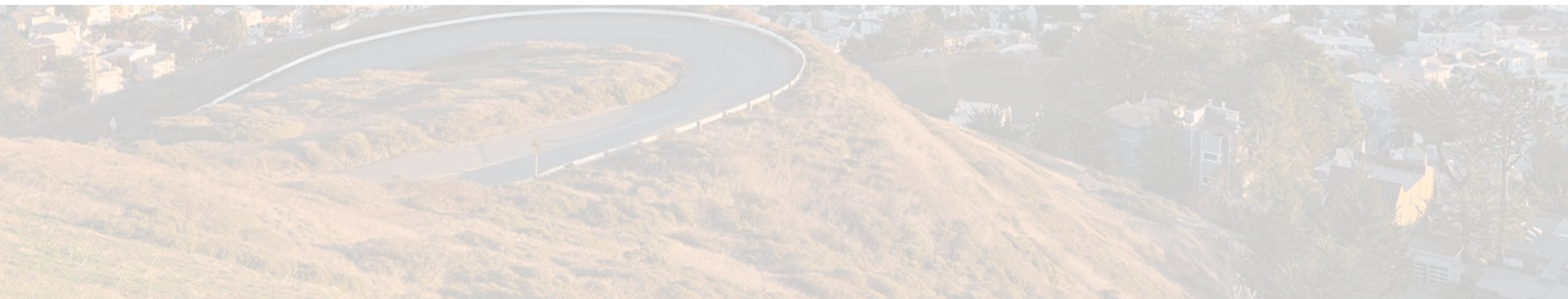


Bay Area Regional Collaborative (BARC) Work Plan Update

Allison Brooks and Lucian Go
BAAQMD Executive Committee
April 1, 2020



BARC Work Plan Updates

1. Climate Resiliency: State Legislative Engagement
2. AB 617 Implementation: Oakland Community Action Plan
3. Building Electrification: *Community Climate Compass*

Climate Resiliency: State Legislative Engagement

- Multiple \$5bn resiliency bonds are currently being proposed at the State level
 - Senate Bill 45 (Allen)
 - Proposed 2020-21 Governor's Budget
- AB 2148 (Quirk)
 - Would outline the regional role in supporting multi-hazard climate adaptation efforts
- BARC is coordinating recommendations to the state legislature on regional needs and roles

Climate Resiliency: State Legislative Engagement (continued)

BARC recommendations being explored:

- Disbursement of bond funds through Metropolitan Planning Organizations (MPOs) and Councils of Governments (COGs) rather than state-level competitive grants
- \$500m in bond proceeds allocated to Bay Restoration Authority to continue wetland restoration and flood prevention projects
- One-time \$50m investment for local government advanced planning and regional technical assistance

AB617 Implementation: West Oakland Community Action Plan

BARC Activities:

- Formed Goods Movement Collaborative Working Group (BAAQMD, MTC, Port of Oakland, Alameda CTC, CalTrans District 4, Solano Transportation Authority)
- Goal: Identify opportunities for near-term joint funding proposals for emissions reduction projects of regional importance
 - Initial focus on SB1 Trade Corridor Enhancement Program (TCEP) for projects on or near the Port of Oakland
 - Working group recommended Roundhouse EV Charging Facility at Port of Oakland
 - Work is currently delayed due to COVID-19; State will adopt new postponed deadlines in May

AB617 Implementation: West Oakland Community Action Plan (continued)

Next steps

- Continuing to lead Working Group to coordinate Roundhouse EV Charging Facility proposal
- Working with BAAQMD, MTC staff, and AB617 steering committee to identify priority projects for other upcoming external funding sources (e.g., Regional Measure 3)

Building Electrification: *Community Climate Compass*

BARC Activities:

- BARC staff are collaborating with Air District staff and the Building Decarbonization Coalition on development of *Clean Building Compass*, a web-based toolkit for local government building decarbonization
- Project Timeline
 - **Oct. 2019-Jan. 2020:** Scoping, content development and outreach
 - **Feb. 2020:** Focus groups with local government staff and building decarbonization experts from around the Bay Area
 - **Mar.-May 2020:** Final web development
 - **Early Summer 2020:** Public launch



Thank You!

Allison Brooks

Executive Director, BARC

Tel: (415) 778-5265

abrooks@bayareametro.gov

Lucian Go

Program Coordinator, BARC

Tel: (415) 778- 6758

lgo@bayareametro.gov



BAY AREA
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AGENDA: 5

Production System Office Status Update

**Executive Committee Meeting
April 1, 2020**

**Blair Adams
Information Systems Officer
Anja Page
Online Services Assistant Manager**

My Air Online: Status Overview



Accomplishments 2019

12-15 *Final* Invoice and
Permit Renewal

12-15 Renewal
Fee Calculations

Online Payments and Electronic
Checks for *Online* Facilities

Stipulated Abatement Order for
Small Boilers & Restaurants

Air Quality Data Web
Visualization Improvements

Spare the Air
Website Redesign

Goals 2020

Dynamic Web-Map
Enhancements

Financial System
Integration Upgrade

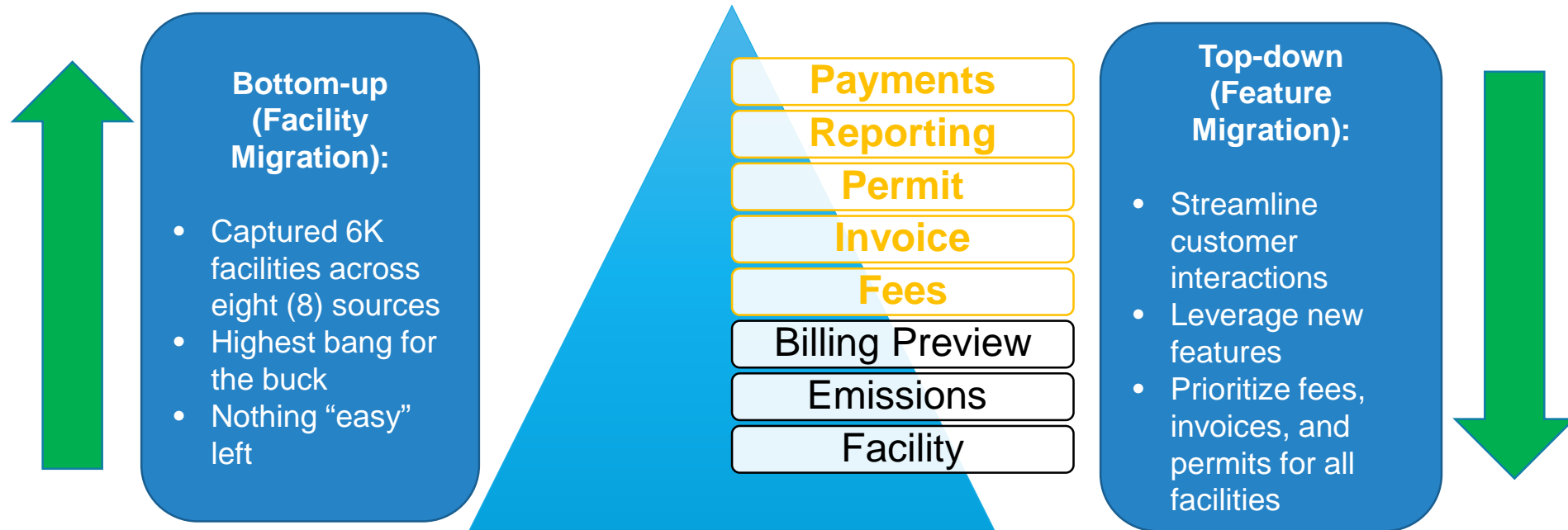
Professional Services
Request For Qualifications

Online Payments and Electronic
Checks for *all* Facilities

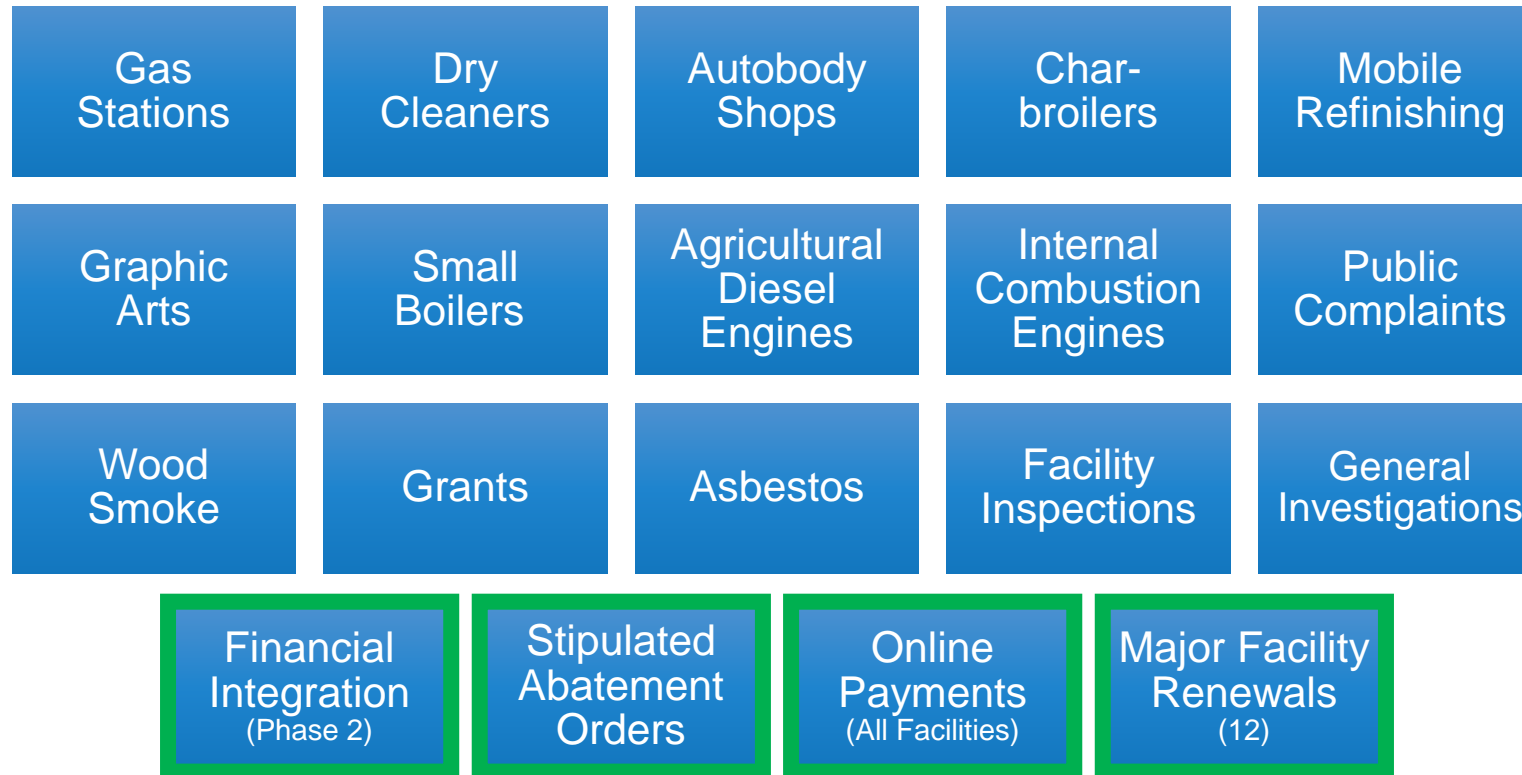
Legacy Data
Transfer Optimization

Renewal Fee Calculations &
Factor Based Emission Calculations

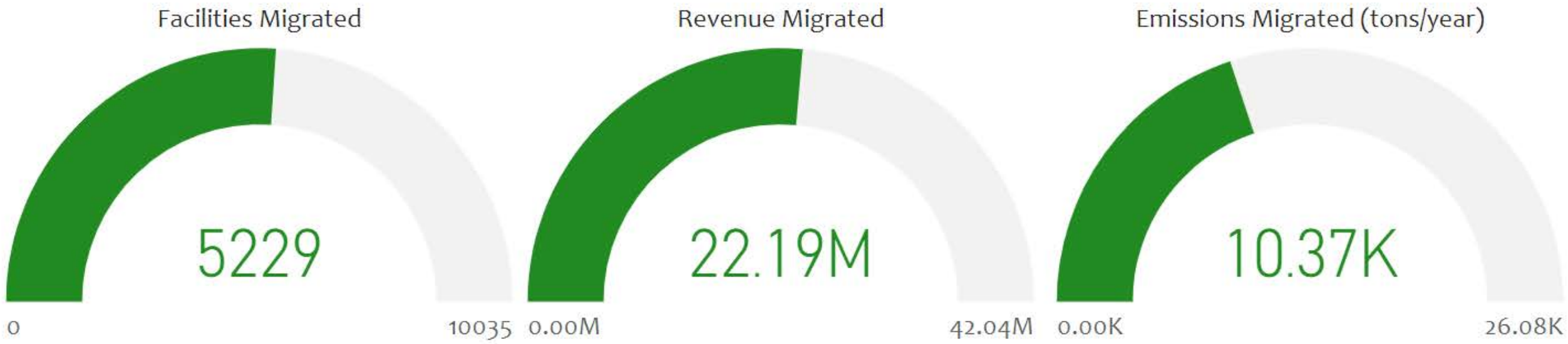
Conceptual Shift: Feature Migration



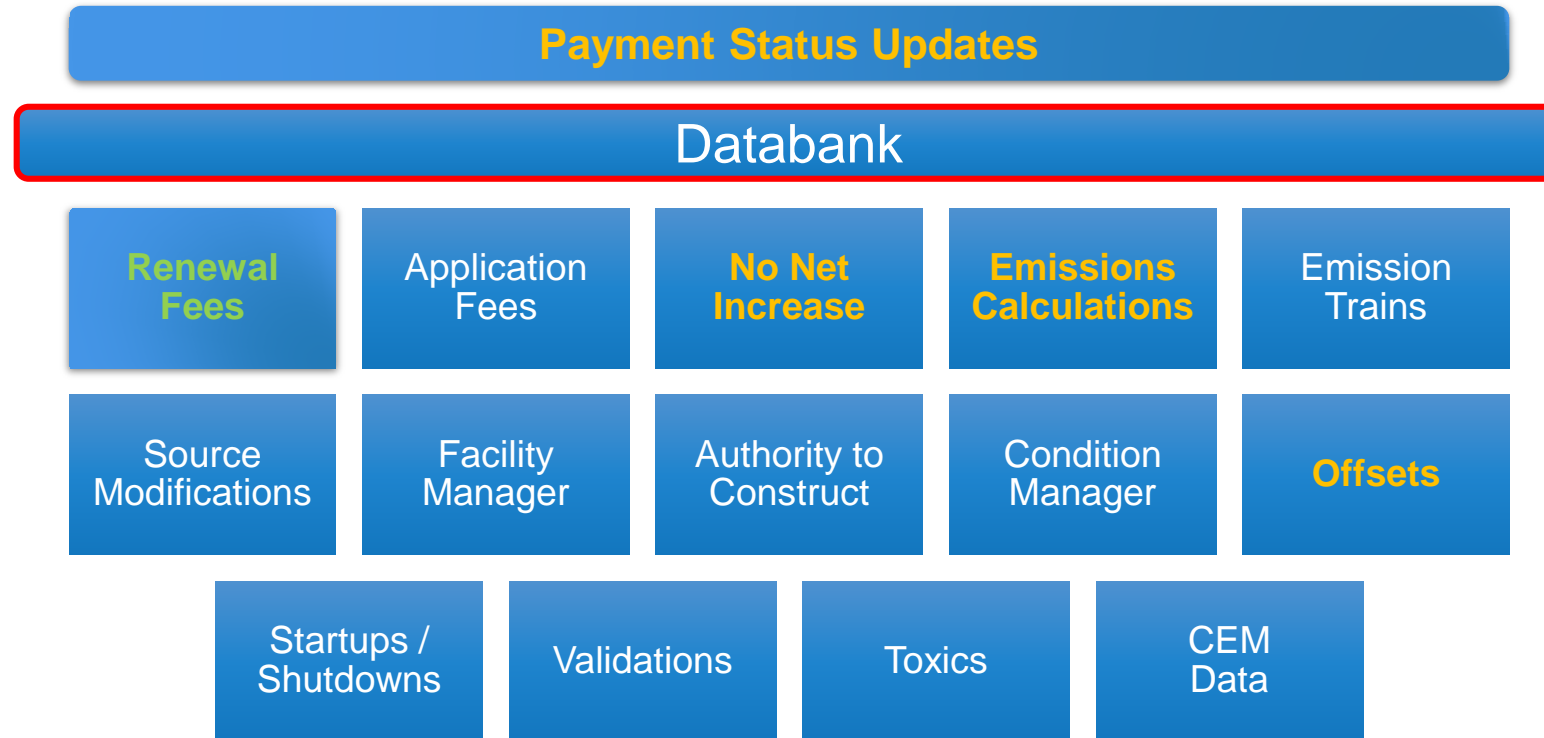
Permitting and Compliance System: Current Production Features



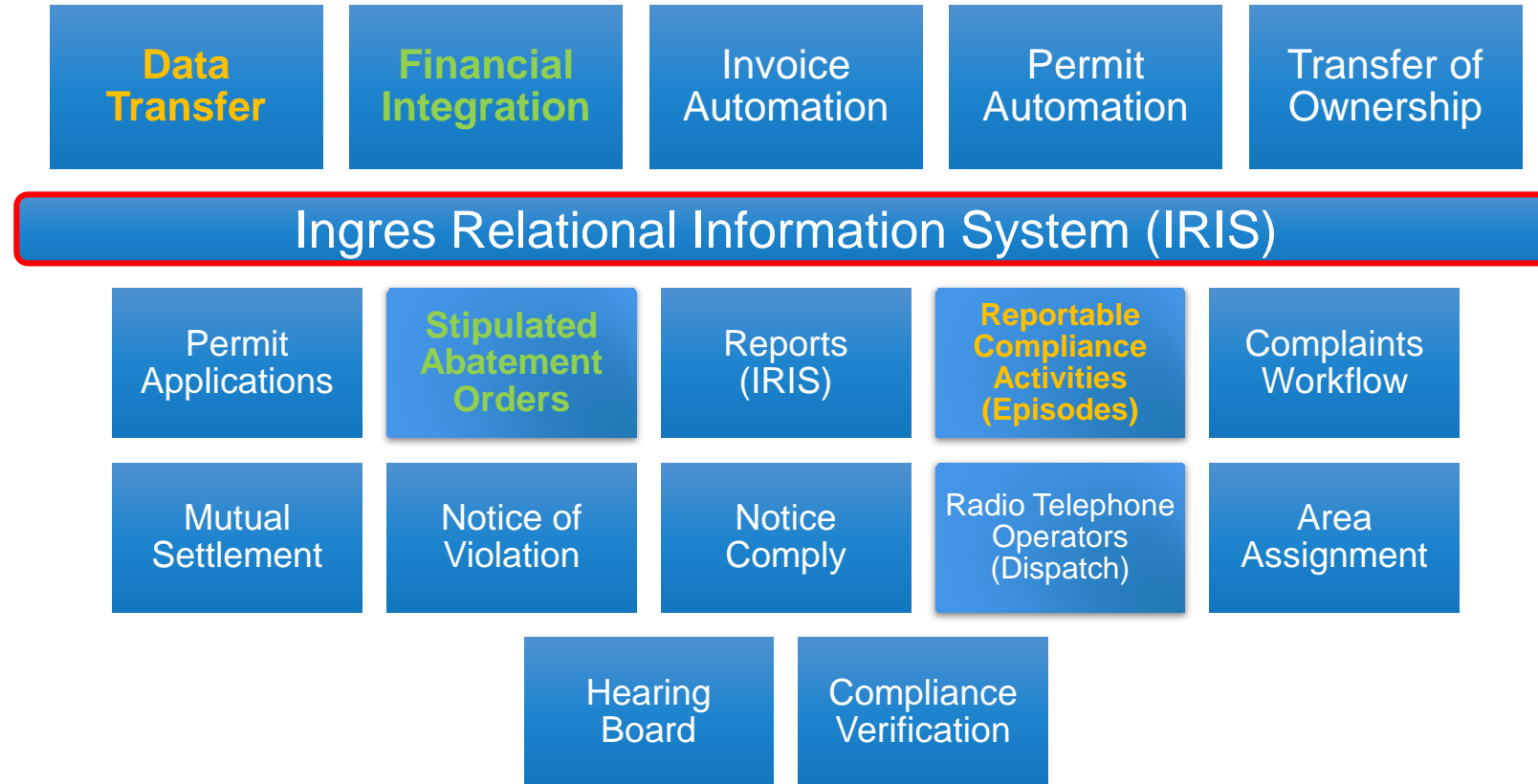
Legacy System: Migration Status



Remaining Legacy Features: Permits & Applications



Remaining Legacy Features: Enforcement & Compliance



Website Demonstration



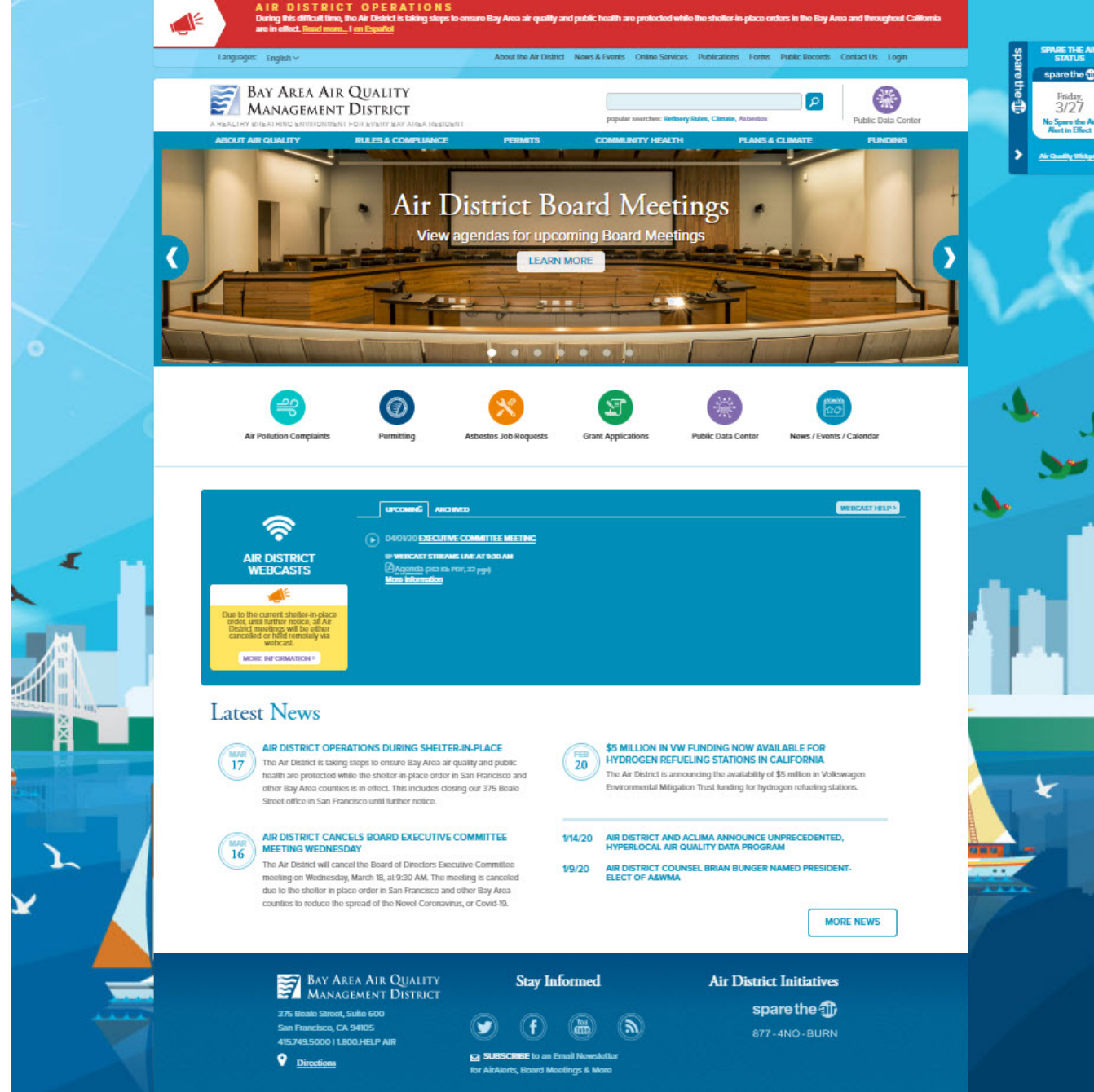
Design Refresh

Public Data Center

Dynamic Maps

Usage Metrics

Website Design Refresh: Homepage



Executive Committee Meeting
April 1, 2020

Bay Area Air Quality Management District

Website Design Refresh: Continued

The screenshot displays the Bay Area Air Quality Management District website. At the top, a red banner reads "AIR DISTRICT OPERATIONS" with a sub-header: "During this difficult time, the Air District is taking steps to ensure Bay Area air quality and public health are protected while the shelter-in-place orders in the Bay Area and throughout California are in effect. [Read more...](#) [I am Equafit!](#)". Below this is a navigation bar with "Languages: English" and links for "About the Air District", "News & Events", "Online Services", "Publications", "Forms", "Public Records", "Contact Us", and "Login". The main header features the "BAY AREA AIR QUALITY MANAGEMENT DISTRICT" logo and a search bar. A secondary navigation bar includes "ABOUT AIR QUALITY", "RULES & COMPLIANCE", "PERMITS", "COMMUNITY HEALTH", "PLANS & CLIMATE", and "FUNDING". The "FUNDING AND INCENTIVES" page is active, showing a left sidebar with a tree menu: "FUNDING AND INCENTIVES", "BUSINESSES AND FLEETS", "PUBLIC AGENCIES", "RESIDENTS", and "FUNDING SOURCES". The main content area is titled "Funding and Incentives" and includes a sub-header "Air District / Funding and Incentives". A large image shows a person on a bicycle on a green-painted bike lane. Below the image, text reads: "Learn about Air District funding for projects that reduce pollutants and greenhouse gases from mobile sources." The page lists sections for "Businesses and Fleets", "Public Agencies", "Residents", "Funding Sources", and "Resources". A "Contact Us" box at the bottom provides the "Grants Programs Information Request Line, Strategic Incentives" with phone number 415.749.4994 and email grants@baaqmd.gov. A "Return" link and "Last Updated: 03/16/2018" are also visible. The footer contains the district's address (375 Beale Street, Suite 600, San Francisco, CA 94105), phone number (415.749.5000), and a "Directions" link. It also features "Stay Informed" with social media icons and "Air District Initiatives" with the "spare the air" logo and phone number 877-4NO-BURN. A "SUBSCRIBE" button for an email newsletter is also present.



Public Data Center: Landing Page

The screenshot shows the Public Data Center landing page for the Bay Area Air Quality Management District. The page features a navigation bar with links for 'About the Air District', 'News & Events', 'Online Services', 'Publications', 'Forms', 'Public Records', and 'Contact Us'. The main content area is titled 'Public Data Center' and is divided into four primary sections: 'What you breathe', 'Who we regulate', 'What we measure', and 'How to get involved'. Each section contains several links to specific data and services. A 'Popular Content on the Website' section is located below the main content, and a footer provides contact information, social media links, and a subscription form.

Public Data Center

What you breathe
Air Quality in the Bay Area

- Current Air Quality →
- Air Quality Forecast Map →
- Open Burn Map →
- Air Quality Summaries →

Who we regulate
Permits, Facility, and Rules Information

- Permit Applications Received →
- Facilities Risk Reduction →
- Public Notices on Permit Applications →
- Facilities Maps →
- Synthetic Minor Facilities →
- Current Rules →
- Title V Permits →

What we measure
Emissions, Standards, and other Data

- Emission Reduction Credit Bank Status →
- Data on Emissions Inventories →
- Air Quality Standards and Attainment Status →
- GHG Data →
- Fleets Data →
- CARE Data →
- Air Monitoring Maps →

How to get involved
Interact with the Air District

- Make an Air Quality Complaint →
- Subscriptions and Notifications →
- Board Meetings →

Can't find what you're looking for? [Request Public Records](#)

Popular Content on the Website

- [Air District Video](#)
- [Public Participation Plan](#)
- [Annual Reports](#)
- [Air Quality Plans](#)
- [Wood Smoke](#)
- [Job Opportunities](#)

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
415.749.5000 | 1.800.HELP.AIR

Stay Informed

Air District Initiatives
spare the air
877-4NO-BURN

Home | About the Air District | Search | Contact Us | Site Map | Language Translation
News & Events | Calendar | Online Services | Publications | Forms | Job Opportunities | Interactive Maps
© Copyright 2018 Bay Area Air Quality Management District. Accessibility | Terms of Use | Privacy Policy

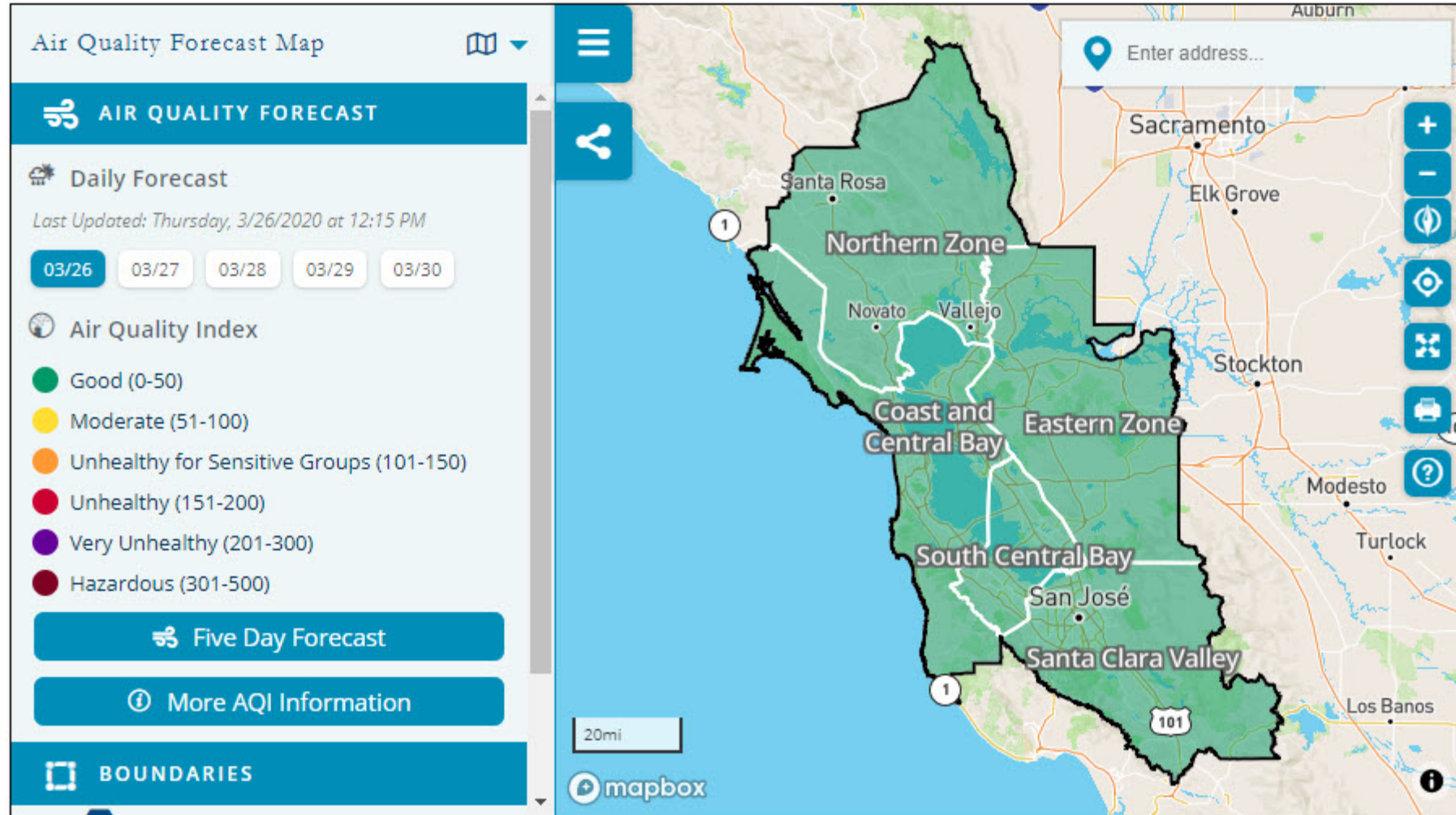


Public Data Center: Description Popup

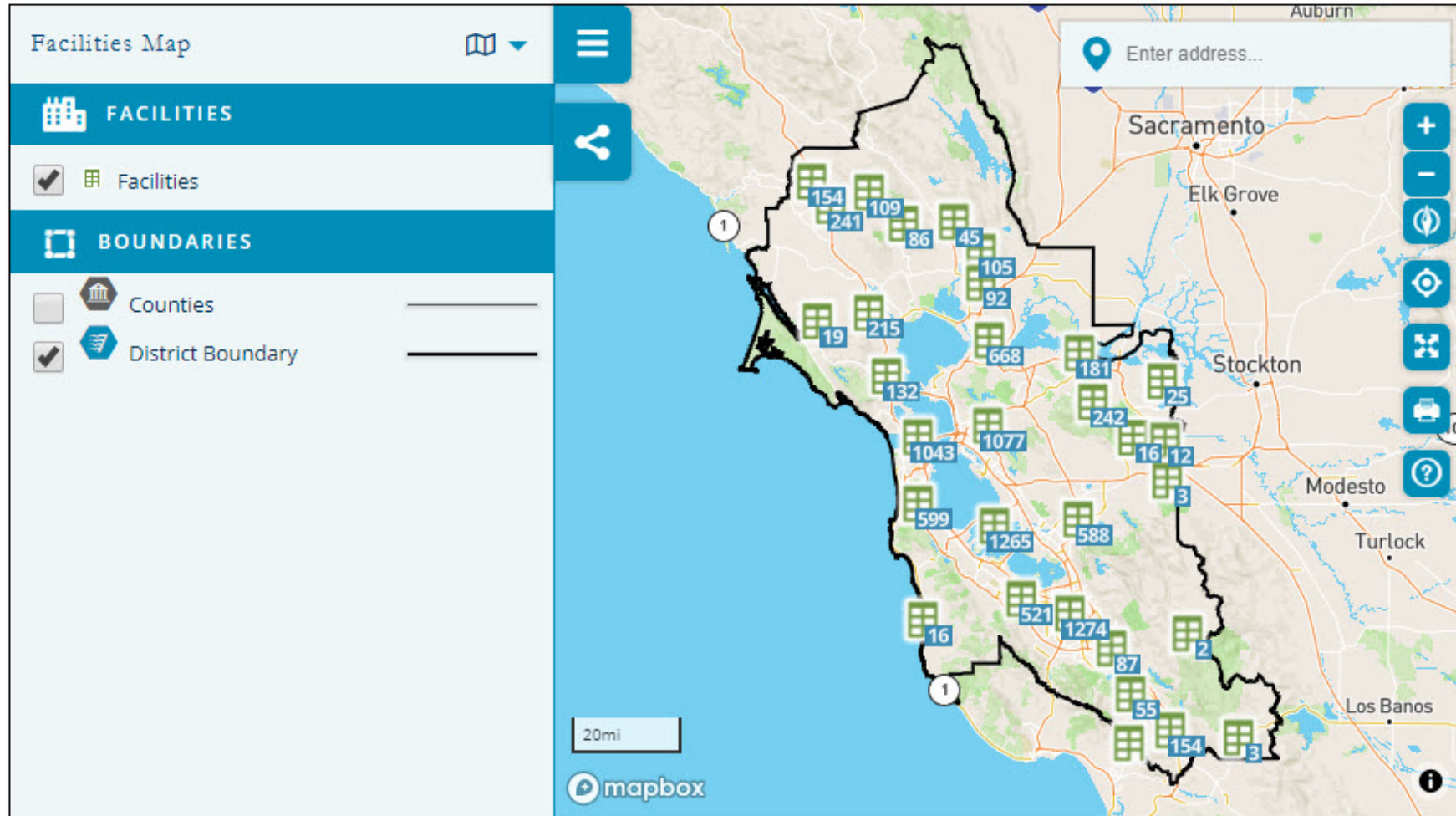
The screenshot shows the Bay Area Air Quality Management District's Public Data Center. At the top, there is a red banner for "AIR DISTRICT OPERATIONS" with a megaphone icon and a notice about health and safety. Below this is a navigation bar with links for "About the Air District", "News & Events", "Online Services", "Publications", "Forms", "Public Records", "Contact Us", and "Login". The main header features the BAAQMD logo and a search bar. The "Public Data Center" section is highlighted in blue and contains several interactive panels: "What you breathe" (with links for Current Air Quality, Air Quality Forecast Map, Open Burn Map, and Air Quality Summaries), "Who we regulate" (with links for Permit Applications Received, Facilities Risk Reduction, Public Notices on Permit Applications, Synthetic Minor Facilities, Title V Permits, Facilities Maps, and Current Rules), "What we measure" (with links for Emission Reduction Credit Bank Status, Data on Emissions Inventories, Air Quality Standards and Attainment Status, GHG Data, Flare Data, CAFE Data, and Air Monitoring Maps), and "Board Meetings" (with links for Make an Air Quality Complaint, Subscriptions and Notifications, and Board Meetings). A "Request Public Records" button is also present. The footer includes "Popular Content on the Website" with links to Air District Video, Air Quality Plans, Public Participation Plan, Wood Smoke, Annual Reports, and Job Opportunities. Contact information for the Bay Area Air Quality Management District is provided, along with social media icons and a "SUBSCRIBE" button for an email newsletter. The URL at the bottom of the page is <https://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes>.



Dynamic Web Maps: Air Quality Forecast



Dynamic Web Maps: Facilities



Website Usage Metrics



Date Range:

9/1/2019

2/29/2020

1,485,505

442,648

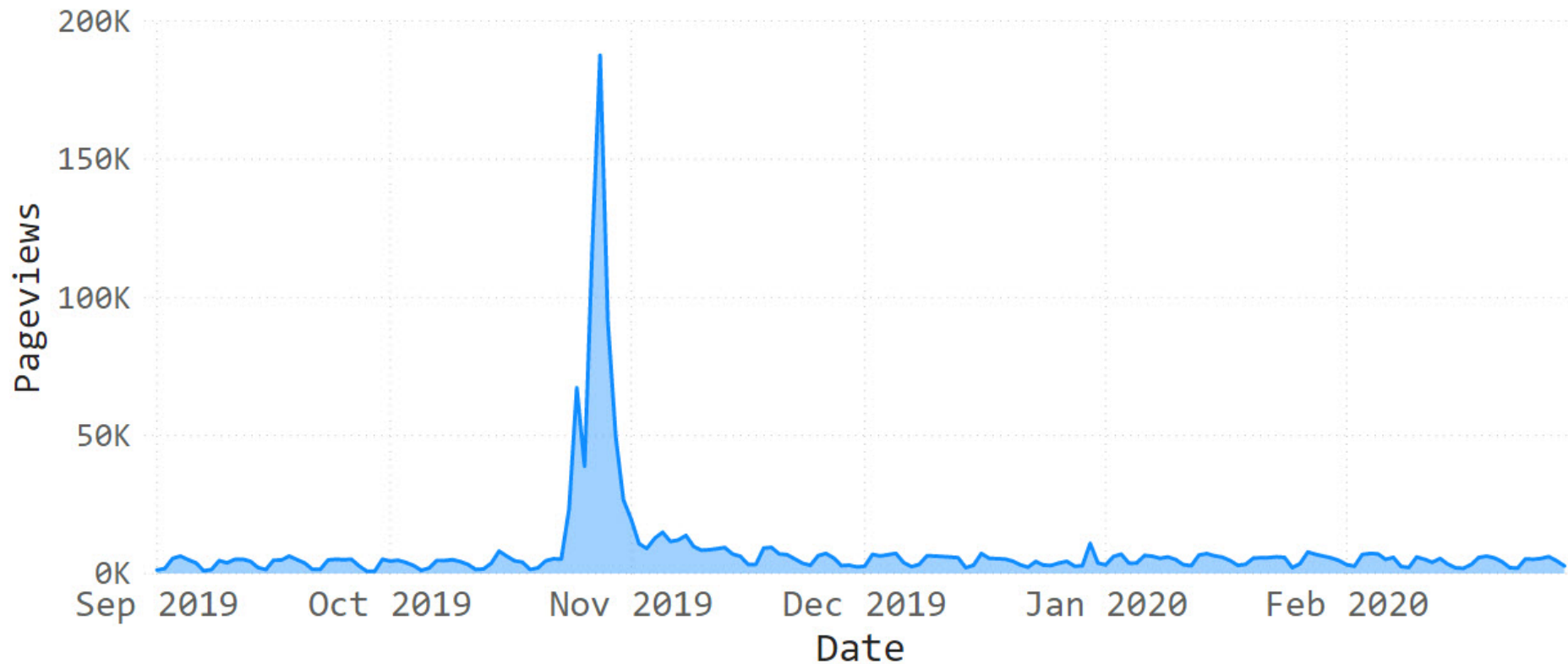
638,336

Pageviews

New Users

Users

Pageviews by Date



Schedule Overview: Legacy Transition

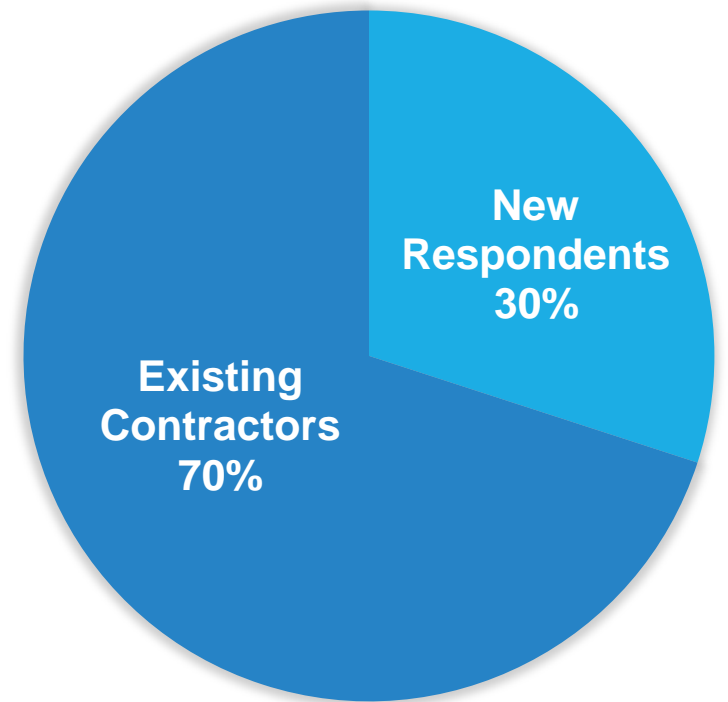
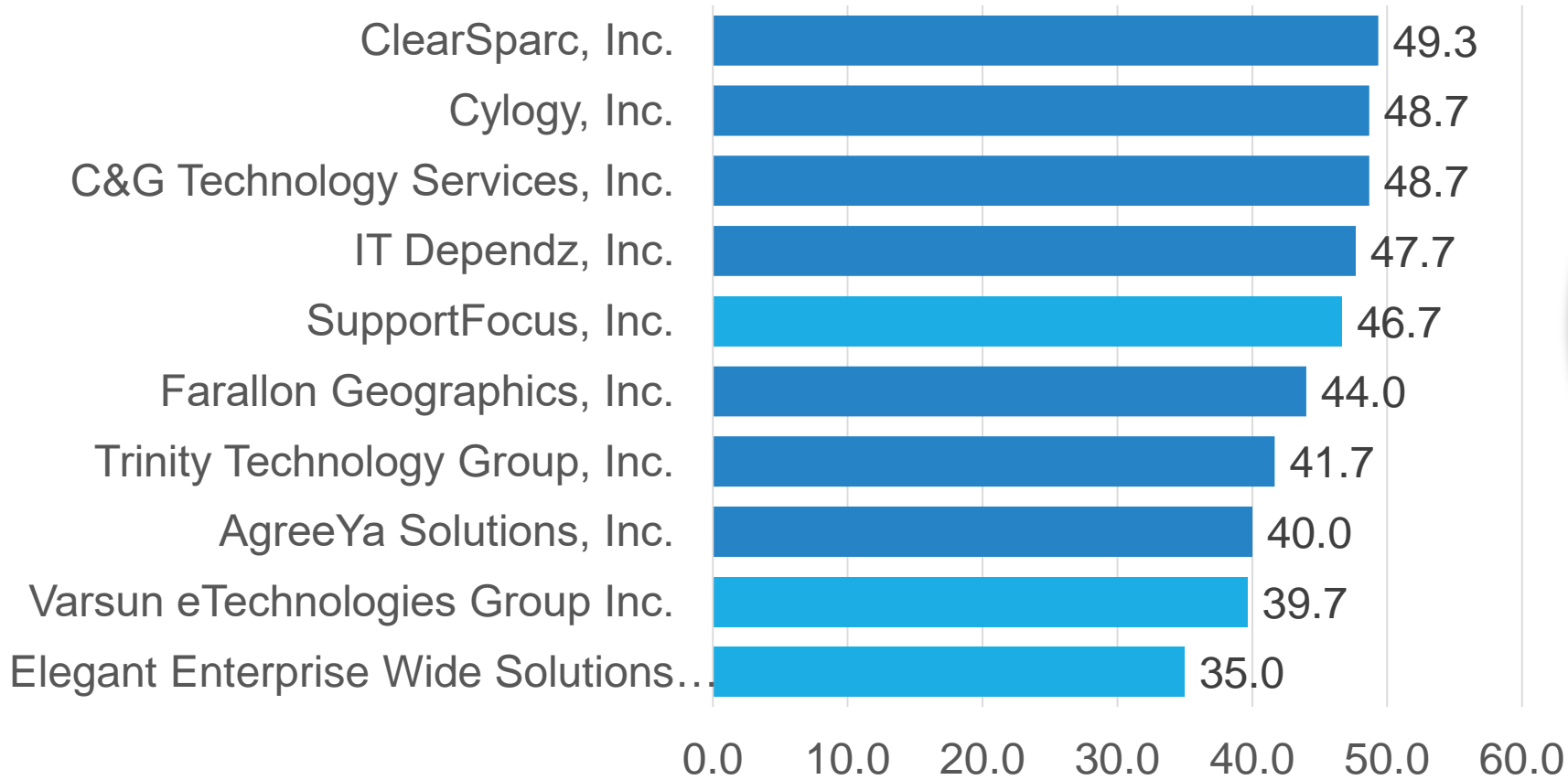


Epic	Description	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2022 Q1	2023 Q4
1	Payment Gateway (All Facilities Except Notice of Violations)	🟢						
2	Decouple Databank from IRIS (Invoice and Permit Automation)	☐	🟢					
3	Complaints Enhancements		☐	🟢				
4	Emissions Banking (aka No Net Increase)			☐	🟢			
5	Notice of Violation			☐	🟢			
6	Applications: 12-15 Facilities				☐	🟢		
7	All Remaining Facilities					☐	🟢	
8	IRIS: Remaining Modules						☐	🟢

Request for Quotations: Results



Request For Quotation: Vendor Scores



Recommended Actions



Recommend the Board of Directors:

1. Approve contract amendments in an amount not to exceed \$2,429,258, as shown in Table 1; and
2. Authorize the Executive Officer/APCO to execute contract amendments.

Questions?





BAY AREA
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AGENDA: 8

Wildfire Strategies

**Executive Committee Meeting
April 1, 2020**

**Wayne Kino
Deputy Air Pollution Control Officer**

Major Wildfires Impacting the Bay Area



**Sonoma/Napa Fires
2017**

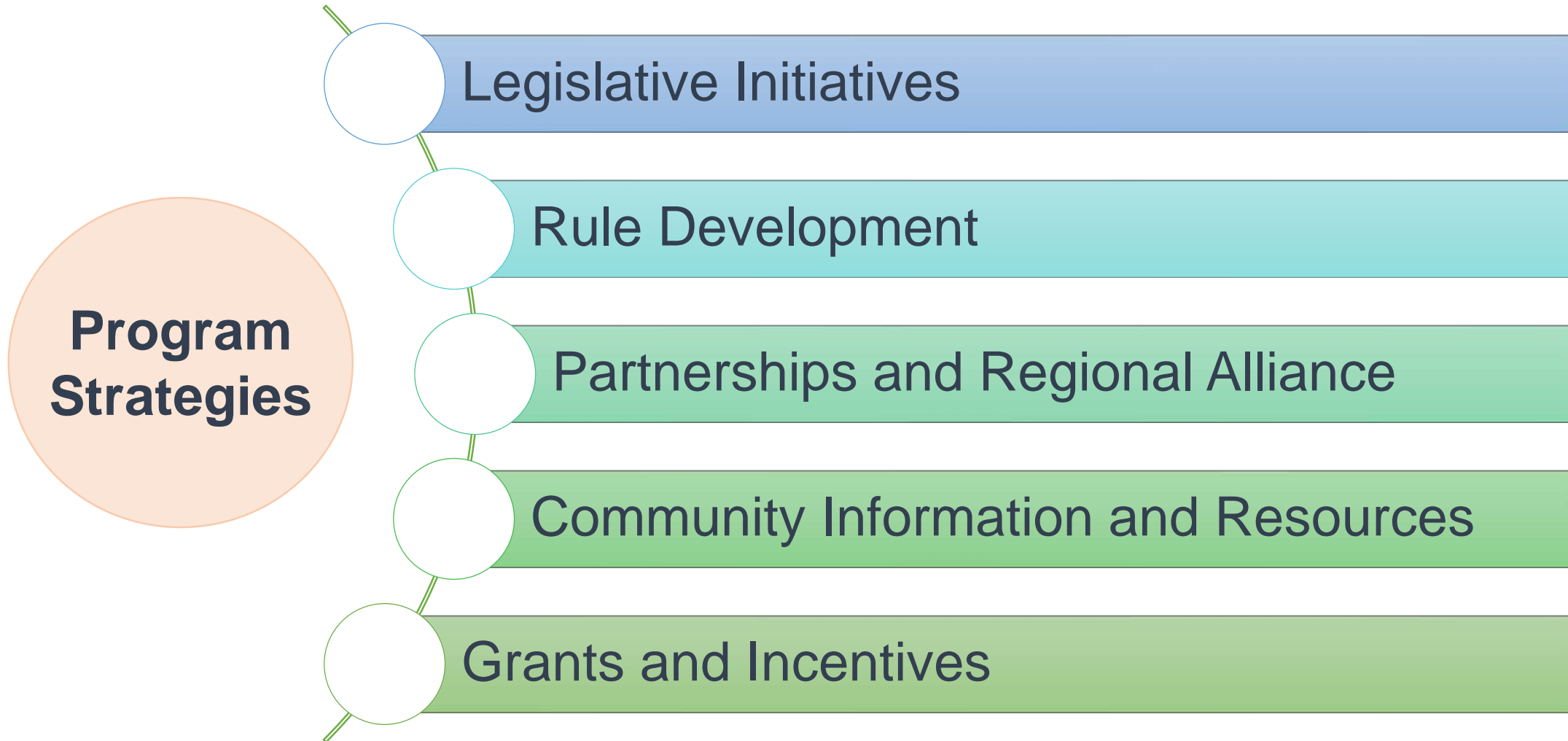


**Camp Fire
2018**



**Kincadee Fire
2019**

Wildfire Air Quality Response Program (WAQRP)



2019 Wildfire Program Accomplishments



- **Initiated New Legislation (Assembly Bill (AB) 836)**
 - *Wildfire Smoke Clean Air Center Incentive Program for Vulnerable Populations*
 - State approved \$5.5 million to fund ventilation retrofits (January 2020)
- **Adopted New Rule Amendments**
 - Regulation 5 (Opening Burning)
 - Regulation 6, Rule 3 (Wood Burning Devices)
- **Formed Regional Partnerships**
- **Established Common Goals and Messaging**
 - Wildfire Smoke Preparedness Tips
 - Air Quality School Guidance

2020 Wildfire Program Objectives



- **Cleaner Air Centers (AB 836)**
 - Develop funding guidelines with the State
 - Advance partnerships and regional coordination
- **Wildfire Prevention Chipping Pilot Program**
 - Provide chipping services as a sustainable alternative to open burning
- **Emergency Episode Plan**
 - Develop regional emergency plan to address future disasters
 - Provide general guidance or voluntary measures to better prepare for wildfires

2020 Wildfire Program Objectives (cont'd)



- **Air Quality Data – Regional & Local**
 - Continue to provide *regional* air quality forecasts, alerts, and current conditions during wildfires
 - Develop Bay Air Center to help build community understanding of air quality data at the *local* level
- **Public Messaging, Media & Outreach**
 - Deliver clear and consistent messaging about the health impacts of wildfires
 - Extend health messaging to non-English speakers
 - Expand public notification alerts

Questions?

