



**Richmond – San Pablo Community Air Monitoring Plan
Steering Committee Meeting #10**

December 11, 2019

Today's Agenda

- I. Welcome, Introductions and Roll Call
- II. Agenda Review
- III. Process Updates
- IV. Updates on Initial Monitoring Efforts
- V. Options for Additional Monitoring Projects
- VI. Discussion and Vote on Technical Advisory Group
- VII. Public Comments
- VIII. Next Steps

Steering Committee Operating Principles

- Transparency
- Equal Participation
- Inclusivity
- Respectful Engagement
- Facilitated Meetings
- Decision Making



Participation Guidelines

- Participants will have **up to 1 minute** to ask their questions and/or state their comment
 - Please be succinct and avoid asking more than one question at a time
 - Indicate to whom your question is directed
- **Step up, step back**
- For public comment, participants are **only** invited to ask questions or make comments related to the Richmond-San Pablo Monitoring plan
 - Participants will have up to 1 minute to ask their questions and/ or state their comment

Process Overview

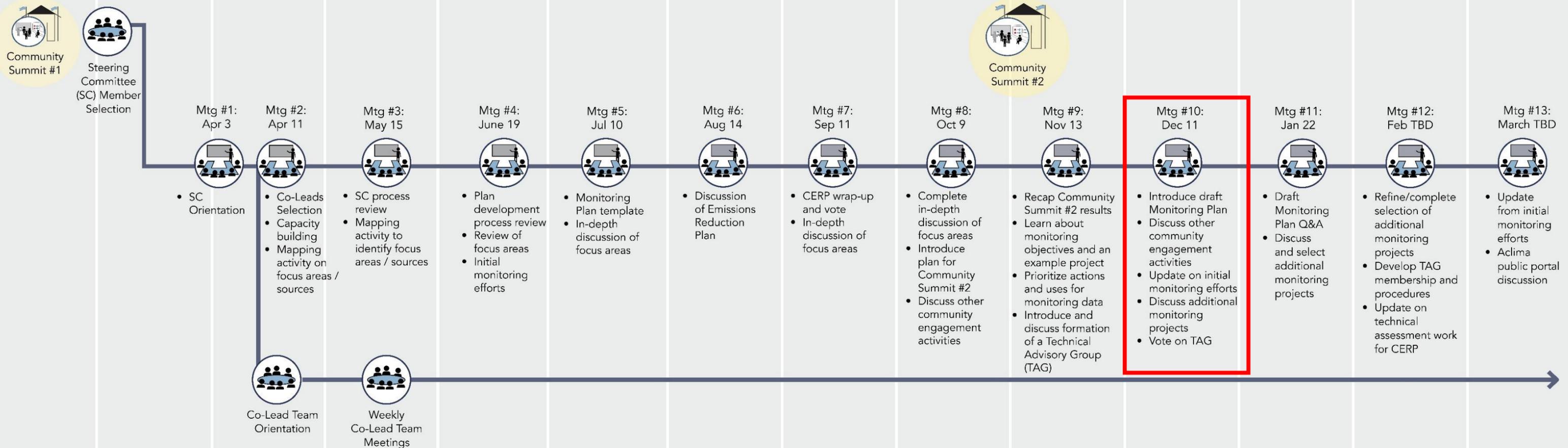
Richmond - San Pablo Area Community Air Monitoring Plan

PHASE 1: IDENTIFY COMMUNITY-SPECIFIC AIR QUALITY CONCERNS

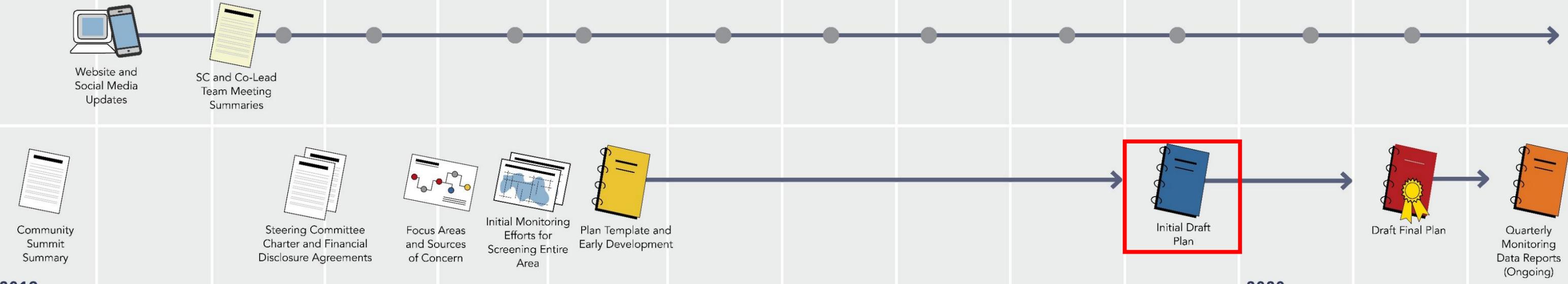
PHASE 2: PRIORITIZE FOCUS AREAS AND DRAFT PLAN

PHASE 3: FINALIZE AND IMPLEMENT MONITORING PLAN

COMMUNITY ENGAGEMENT AND COORDINATION



PROJECT DELIVERABLES



2019

2020

FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH

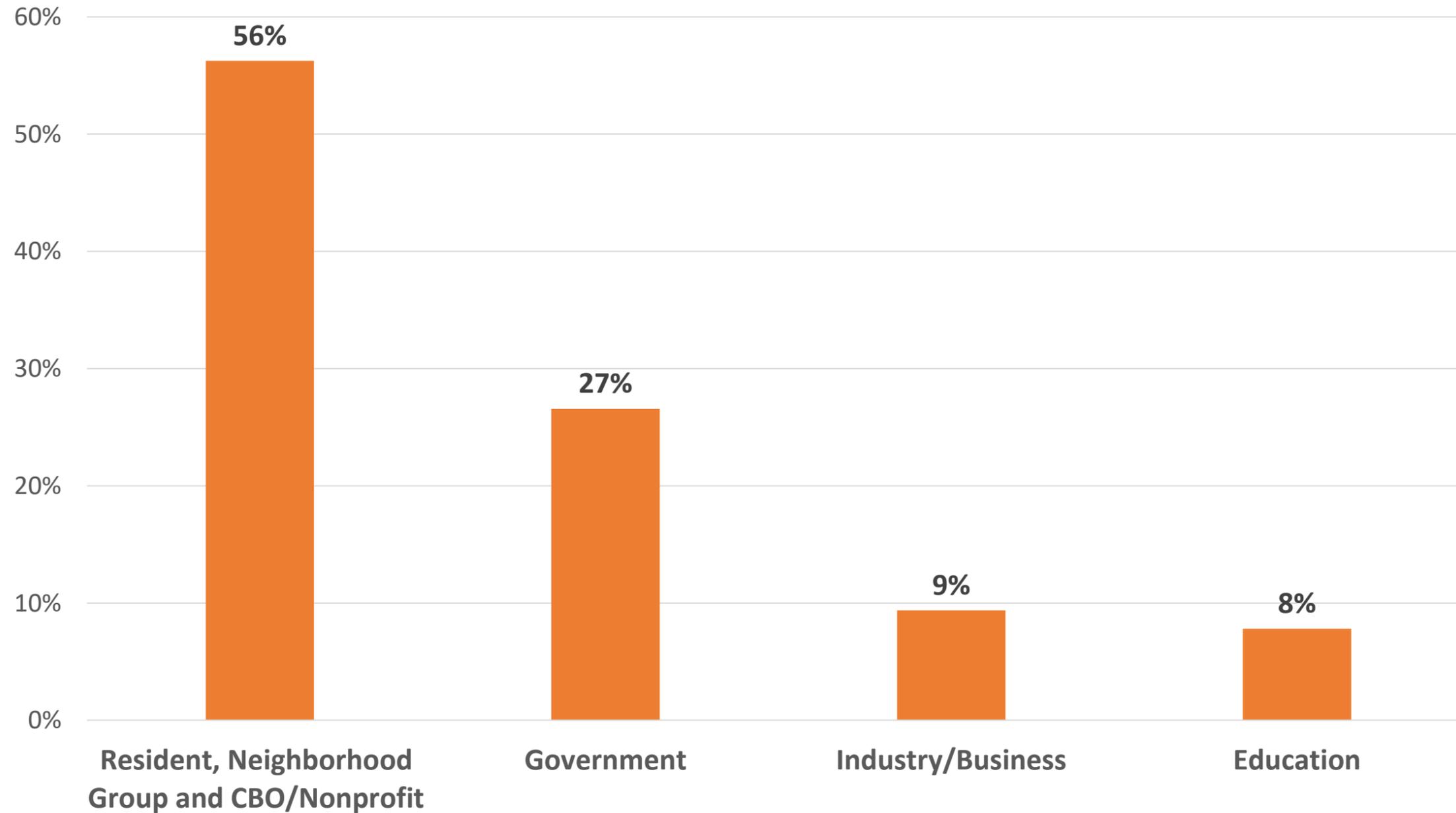
Recap of Community Summit Outreach Efforts

- **Steering Committee** member outreach and social media posts
- Air District outreach and **social media** posts
- UC Berkeley student **pop-ups** and flyering
- **E-Blasts** to Richmond-San Pablo email lists
- Others?



Community Summit: Participant Turnout

Community Summit Participant Break-Down by Sector



Recap of November Steering Committee Meeting

- Discussed **Technical Advisory Group** proposal
- Identified and discussed top three **priorities for air monitoring concerns** and uses for air monitoring data



Recap of Co-Lead Team Progress: November

- Attended **California Environmental Justice Coalition (CEJC) statewide conference**
- Outreach to **Technical Advisory Groups (TAG's)**
- Planned **December 11th Steering Committee meeting**
 - Activities, materials, speakers and presentations
- Selected **new Steering Committee member**
- Planned and conducted **bus tour for Assemblymember Buffy Wicks**
- Initiated design of **communications strategy**
- Planning for upcoming **press conference**



Draft Monitoring Plan

- Received comments from CARB and Co-Leads
- Will send to Steering Committee for review by Monday, December 16
- The draft describes:
 - Community engagement and design process
 - Charter and Steering Committee
 - The study area and air quality concerns
 - Initial monitoring projects
 - Next steps



AB 617 Richmond-San Pablo Community Air Monitoring Plan

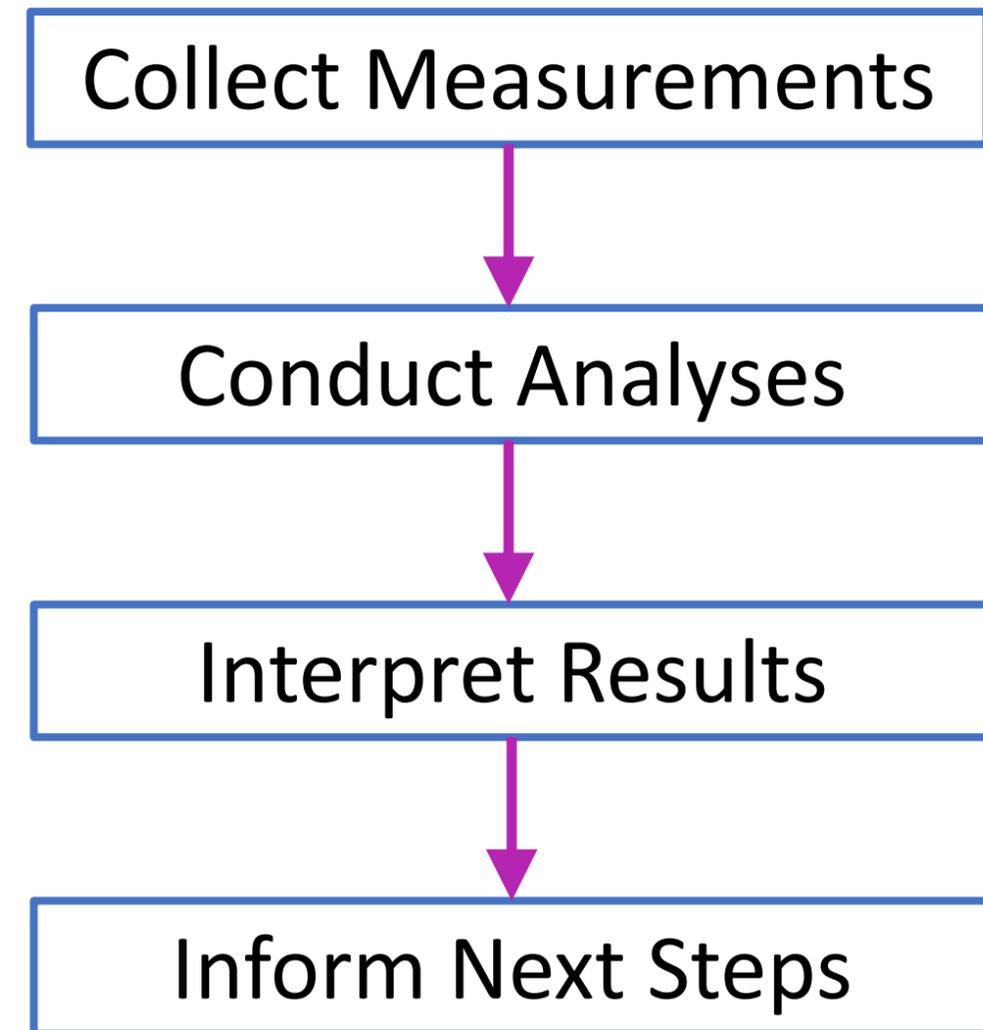
DRAFT – NOVEMBER 2019

Updates on Initial Monitoring Efforts

Options for Additional Monitoring Projects

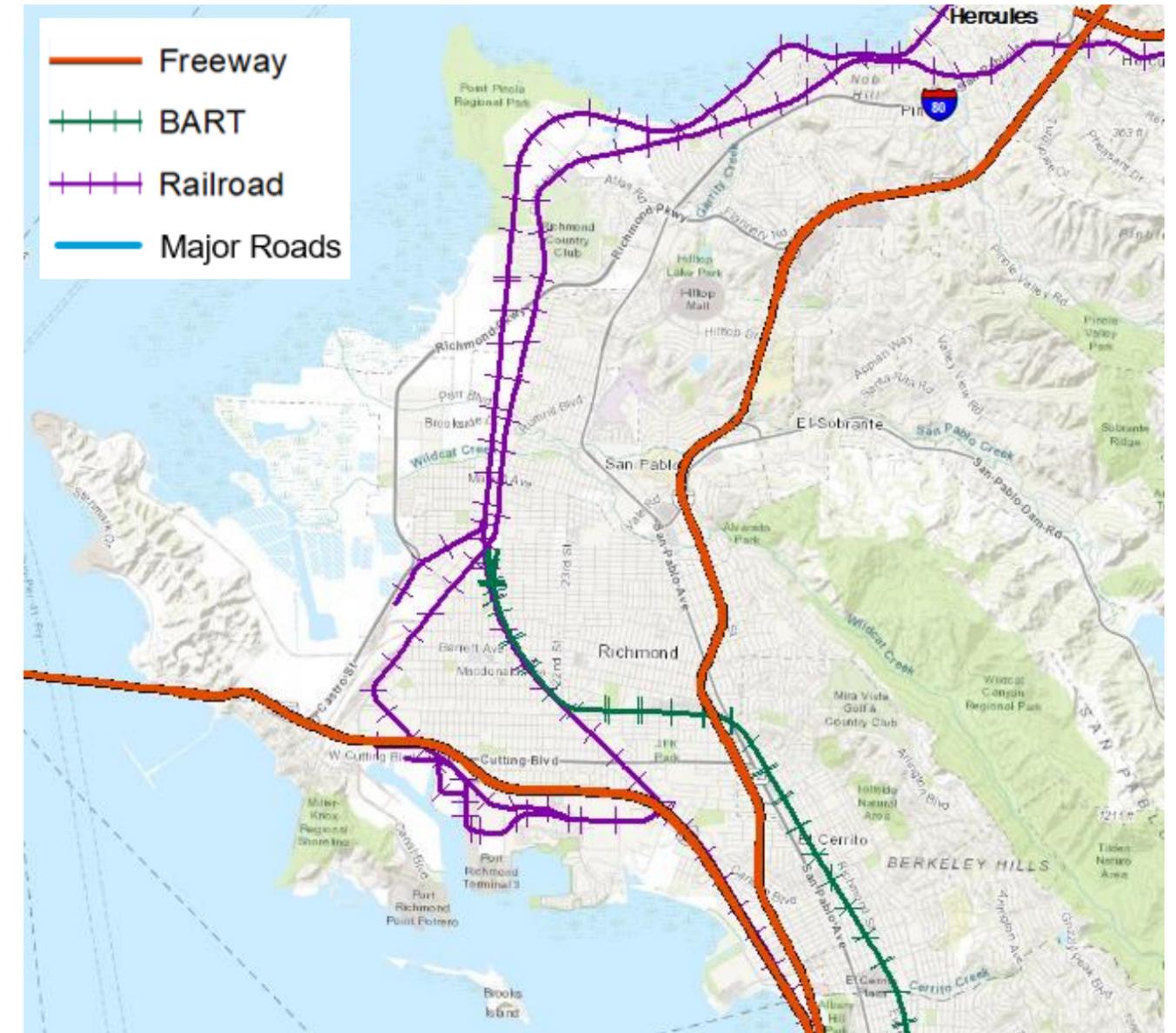
Pathway for Additional Monitoring

- Phased approach
- Screening data may answer the monitoring question, or
- Additional measurements may be needed to investigate further



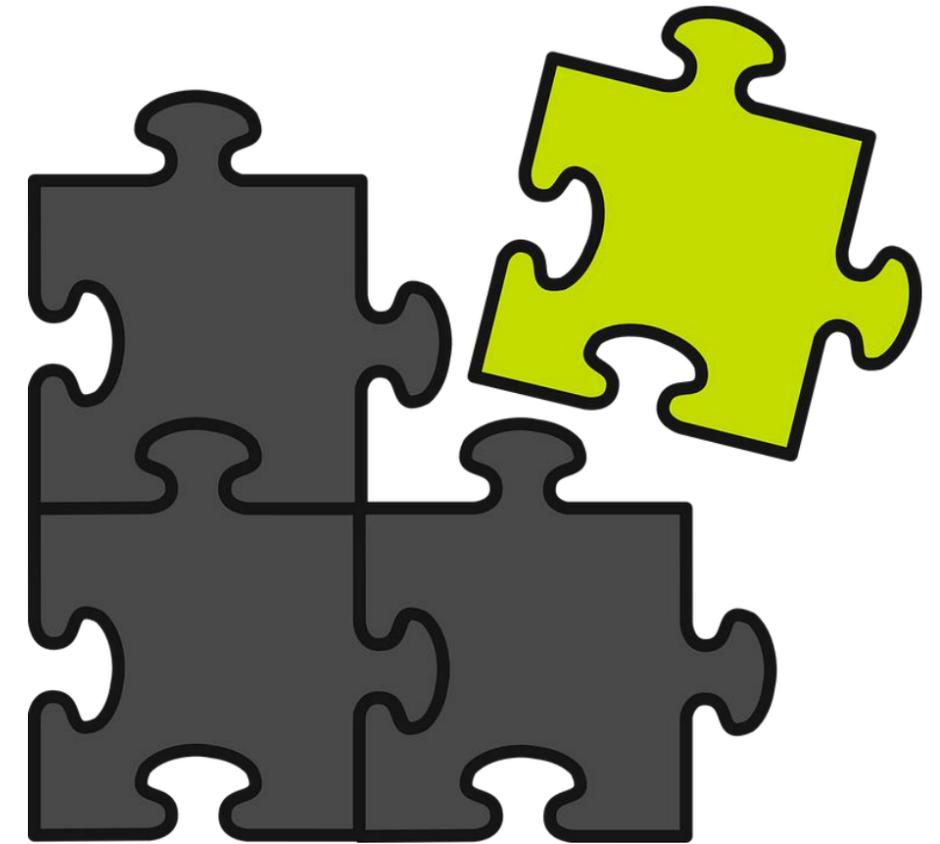
Option: PM_{2.5} Hotspots from Traffic

- Analyze data from **initial screening projects** to identify areas/times with higher than average PM_{2.5} near roadways
- Determine if **impacts** are near schools, childcare centers or senior centers,
- Other objectives could include:
 - Data could also indicate persistent elevated PM_{2.5} near **other sources** of concern,
 - Stationary sensor networks can provide **real-time air quality information**



Potential Next Steps for PM Hotspots

- If data from initial projects are not enough to understand the **source of the hotspot**, we could choose to do additional PM measurements
- Mobile measurements with the Air District van, or short-term stationary measurements can add **new types of air quality data**
 - PM characteristics
 - Meteorology
 - Other pollutants emitted from some sources along with PM



Option: Evaluate the PM impact from coal transport and operations

- **Air District van** measurements could include
 - Amount of PM (mass, number)
 - Physical properties of PM (sizes)
 - Chemical characteristics of PM (black carbon)
 - Meteorology
- Results inform the need and location(s) for **short term stationary measurements**

Option: Identify air toxics hotspots

- Steering committee **defines air toxics study area** using updated emissions
- Use **Air District van** to measure toxic gases in the air
- Analyze data to **locate hotspots** and evaluate potential sources
- Results may require **additional mobile** or **short-term stationary** measurements
- May be able to cover more than one area depending on results



Group Discussion

Discussion and Vote on Technical Advisory Group

What are you looking forward to in the new year?

- A. Spending time with family and friends
- B. Exploring new hobbies
- C. Travelling on vacation
- D. Other

Should the Steering Committee establish a Technical Advisory Group?

A. Yes

B. No

C. Abstain

Public Comment

Participation Guidelines

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Next Steps

Social Media: Stay Connected!

- <https://www.facebook.com/bayareaairdistrict/>
- <https://twitter.com/AirDistrict>
- <https://www.instagram.com/bayareaairdistrict/>
- <https://www.linkedin.com/company/34402/admin/>
- https://www.youtube.com/channel/UCqDZvQey_NudwMVWRBN-H6w?view_as=subscriber



Next Steps

- Next Steering Committee meeting to plan for additional monitoring projects:
 - **January 22, 6:00 – 8:00 pm**
 - Richmond Memorial Auditorium Bermuda Room
 - **RSVP: <https://forms.gle/Les9wfWPRSzoP45d8>**

Steering Committee Meeting Schedule

- **January 22, 6:00 – 8:00 pm**
- Future meeting times and locations to be determined

****Child Watch Available****

**To view Steering Committee
agendas, minutes and PowerPoint
presentations online, visit:**

[http://bit.ly/Richmond-SanPablo-
CommunityHealth](http://bit.ly/Richmond-SanPablo-CommunityHealth)



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