



**Richmond – San Pablo Community Air Monitoring Plan
Steering Committee Meeting #9**

November 13, 2019

Today's Agenda

- I. Welcome, Introductions and Roll Call
- II. Agenda Review
- III. Process Overview
- IV. Discussion on Technical Advisory Group
- V. Continue Discussing and Prioritizing Actions and Uses for Monitoring Data
- VI. Public Comments
- VII. 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

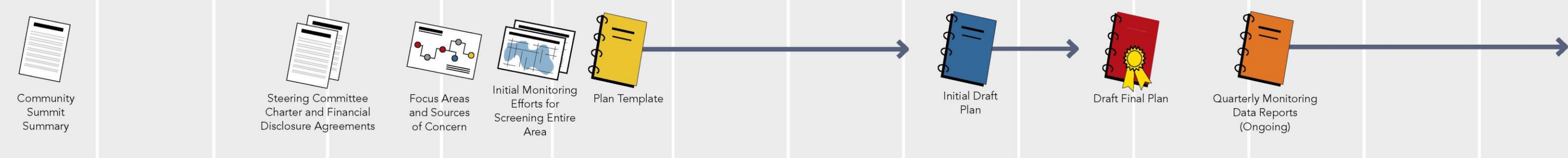
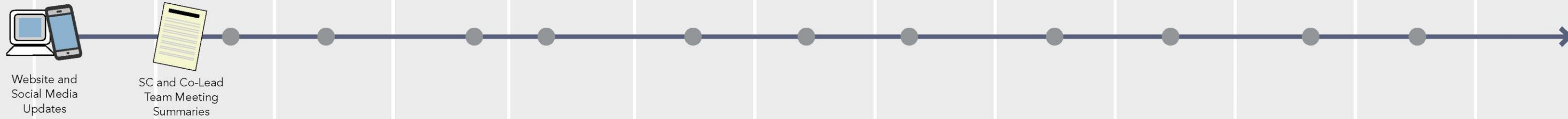
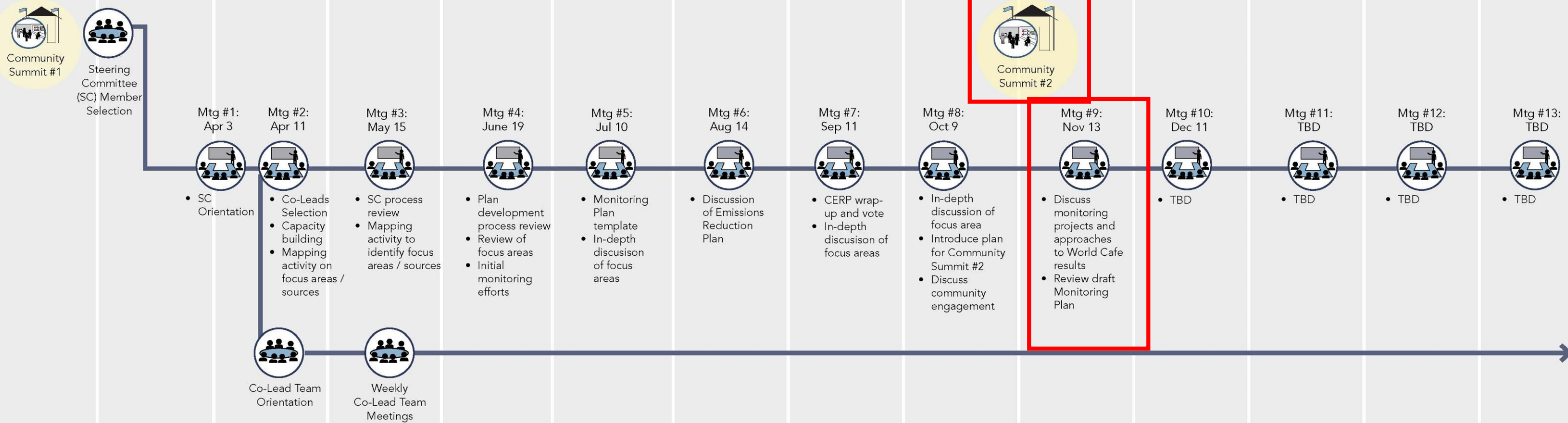
PHASE 1: IDENTIFY COMMUNITY-SPECIFIC AIR QUALITY CONCERNS

PHASE 2: PRIORITIZE FOCUS AREAS AND DRAFT PLAN

PHASE 3: FINALIZE AND IMPLEMENT MONITORING PLAN

COMMUNITY ENGAGEMENT AND COORDINATION

PROJECT DELIVERABLES



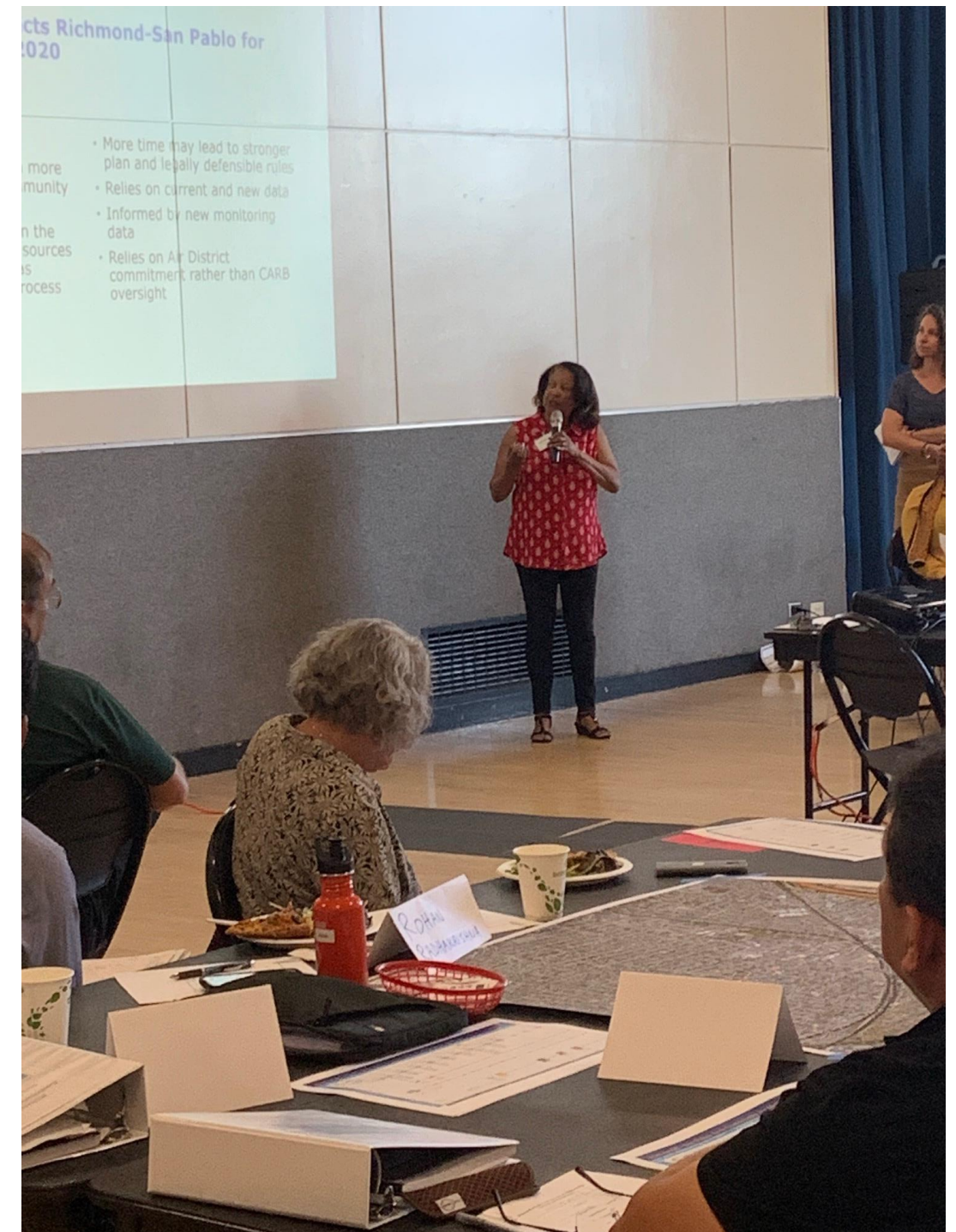
Recap of October Steering Committee Meeting

- Discussed strategies to expand community outreach efforts for the planning process
- Introduced the Community Summit
- Completed discussion on focus areas



Pre-Community Emissions Reduction Plan Work Group

- Sign up to join a work group to work with the Air District to:
 - Develop the community engagement framework
 - Start the technical work
 - Email richmondcoleads@gmail.com to join the effort!




Community Summit: Path to Clean Air

- Conducted on November 2nd from 10 am – 1:30 pm
- Over 85 participants
- Presentations and Interactive Open House format

Key Outcomes

- Informed the community about the Monitoring Plan progress
- Gathered community priorities on monitoring projects and other plan-related topics

Richmond-San Pablo Community
Air Monitoring Plan




Welcome!

The goals of the Community Summit are to:

- Learn about Monitoring Plan progress to-date
- Engage with community members to help shape the Monitoring Plan
- Share input on the initial monitoring objectives and other plan-related topics

10:00 am	Registration and Light Refreshments
10:30	Welcome and Opening Remarks
10:45	Sharing Our Progress: Update on Community Air Monitoring Plan
11:00	Community Call to Action
11:15	RYSE Youth Performance
11:30	Open House*
	*Lunch will be provided at 12:00 pm
1:00pm	Community Reflections
1:20	Raffle, Closing Comments and Next Steps
1:30	Close





OPEN HOUSE STATIONS

Place a sticker in the circle after visiting each station. If you visit all stations, you can be entered into the raffle!

STATION 1

Where do you live?

STATION 2

Why a Community Air Monitoring Plan in Richmond-San Pablo?

STATION 3

What initial monitoring projects are happening now in our community?

STATION 4

Why is monitoring data important to you?

STATION 8A

What is mobile monitoring?
Aclima

STATION 5

What are some additional Air District monitoring capabilities?

STATION 7

What does success look like?

STATION 6

What can be done to reduce emissions in our community?

STATION 8B

What is mobile monitoring?
Air District





THE PATH TO CLEAN AIR

Where do you live?



Discussion of Technical Advisory Group

For Richmond-San Pablo

AB 617

Steering Committee Meeting

November 13, 2019

What is a Technical Advisory Group / TAG?

- A group of independent experts working together temporarily to ensure high quality and transparency of a project.
- They work out the finer details of the project to make sure it is optimally designed and clearly defined, in an actionable and measurable way.

Why do we need a Technical Advisory Group?

- We are a community-based project
- Analyzing source attribution, air monitoring, health risks and benefits from interventions, and planning for emission reductions – complicated, technical, multi-disciplinary
- Large available body of knowledge - various academic, governmental and nongovernmental organizations conducting research/monitoring in our region including in our Steering Committee
- Our Steering Committee meetings are short and busy

How can a Technical Advisory Group help?

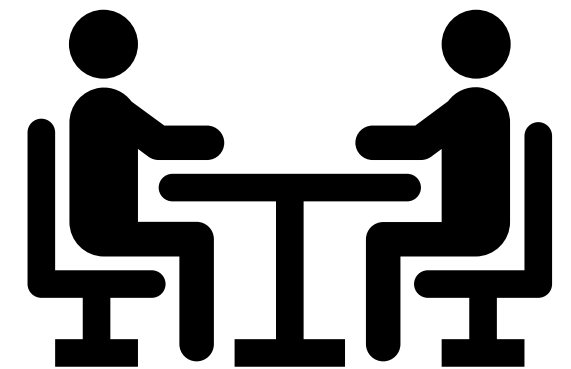
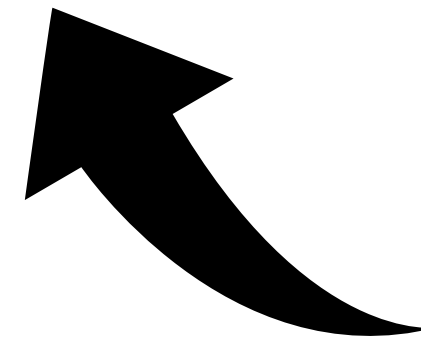
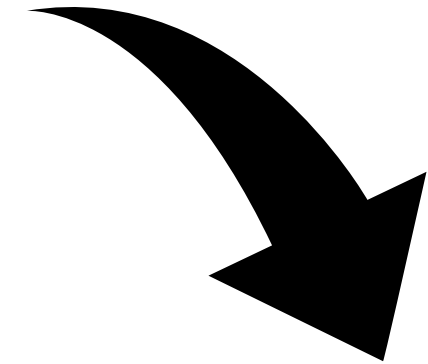
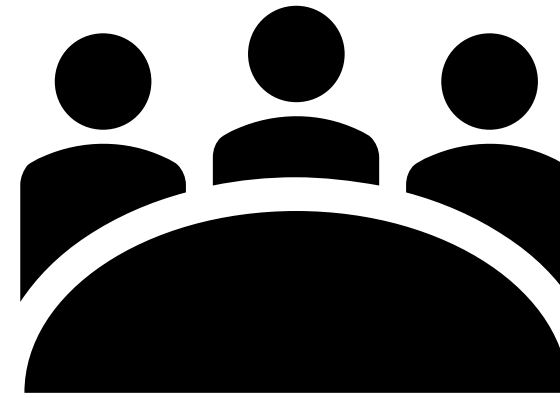
The AB 617 Technical Advisory Group (TAG) will provide input to the Richmond-San Pablo Steering Committee members on technical details related to source attribution, air monitoring and other technical analysis needed to develop air monitoring plans and in the future - Community Emissions Reduction Plans for AB 617 implementation.

What will the TAG do?

The TAG will provide guidance and is not a decision-making body.

It is intended to deliver independent advice on the optimal steps needed to reach our goals, point out limitations, and respond to topics we may raise.

What will the process look like?



TAG

- Air monitoring experts
- Public health representatives
- Data integration and modeling experts
- Litigation and Policy
- Environmental Justice
- Regulatory agencies (BAAQMD, CARB, EPA)
- Organizations conducting air monitoring in our region (PSE, Groundwork, Aclima, BEACO₂N)
- Representatives from community monitoring and/or emission reduction projects that are farther in the process (WOEIP/South Coast)

Tentative Timeline

December – Steering Committee vote on TAG

Define a management team and work procedures for TAG.

January - Recruit and assemble TAG members

February - Kickoff meeting to define goals, working procedures, reporting protocols, etc.

March – start regular meetings to deliver input to the Steering Committee on chosen topics

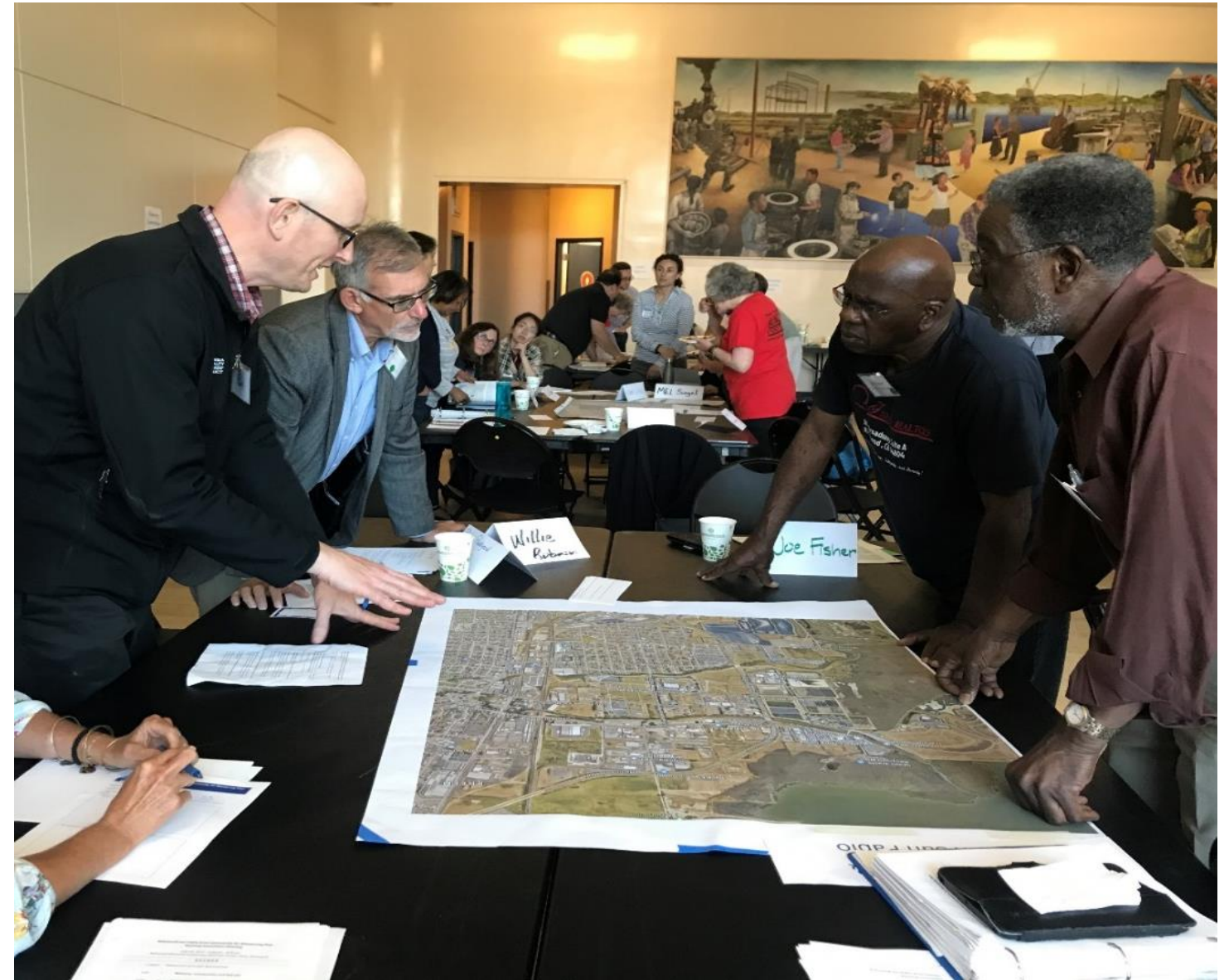
Notes:

- Technical specialists from Steering Committee will be part of the TAG to improve communication channels.
- TAG members sign a Partner Agreement with the Steering Committee.
- Meetings will be open to the public and can be broadcasted online.
- Require a small budget for renting meeting rooms, supplies, photocopy, broadcasting, translation, drinks and snack, consulting

**Continue Discussing and
Prioritizing Actions and
Uses for Monitoring Data**

Summary of Air Quality Concerns & Actions

- We identified air quality concerns and why air quality data is needed
- Next, we need to:
 - Identify specific monitoring objectives
 - Develop and select monitoring projects



Goals Most Important to Summit Attendees

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Use dots to tell us what monitoring goals are most important to you!

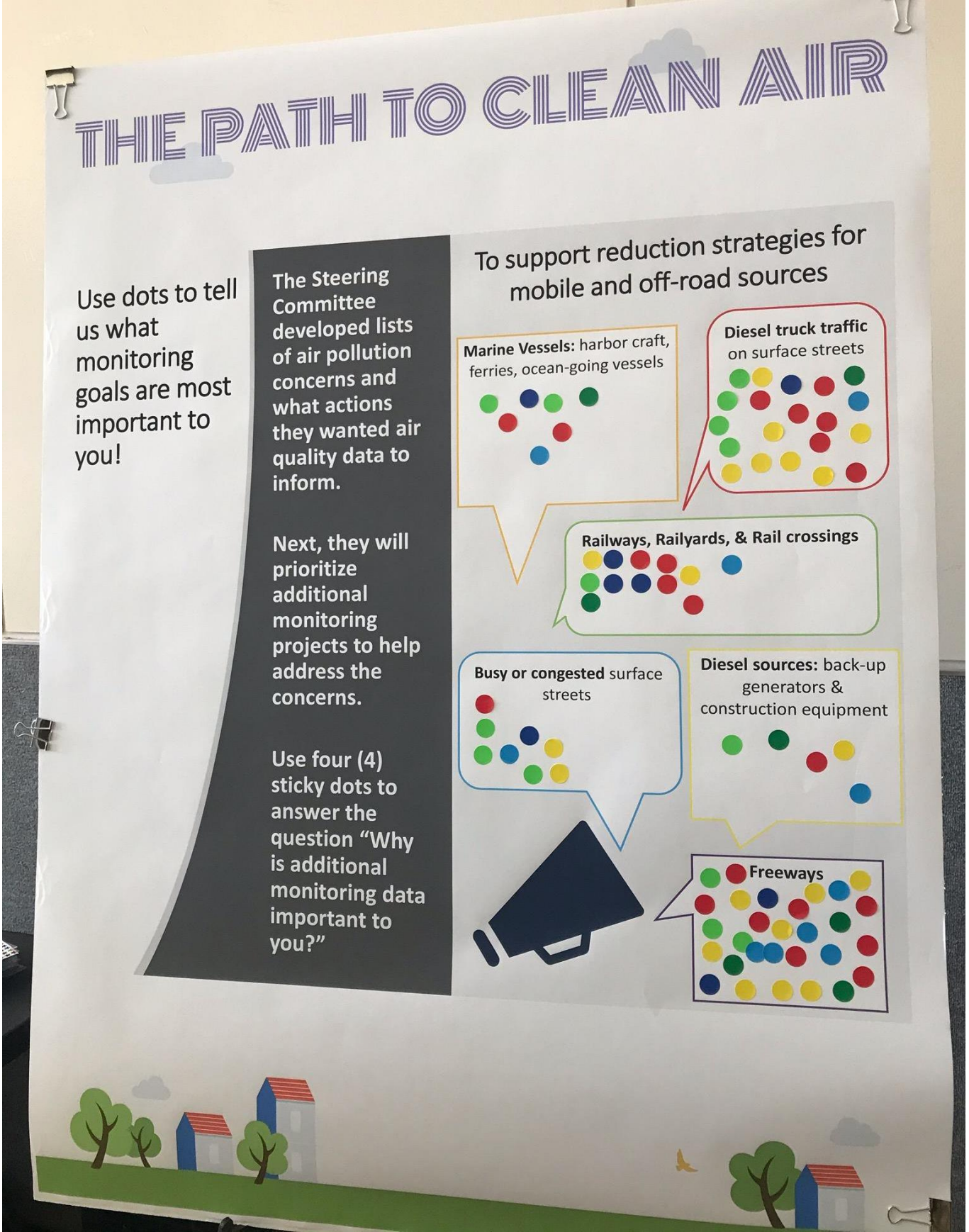
The Steering Committee developed lists of air pollution concerns and what actions they wanted air quality data to inform.

Next, they will prioritize additional monitoring projects to help address the concerns.

Use four (4) sticky dots to answer the question "Why is additional monitoring data important to you?"

To support reduction strategies for mobile and off-road sources

- Marine Vessels: harbor craft, ferries, ocean-going vessels
- Diesel truck traffic on surface streets
- Railways, Railyards, & Rail crossings
- Busy or congested surface streets
- Diesel sources: back-up generators & construction equipment
- Freeways



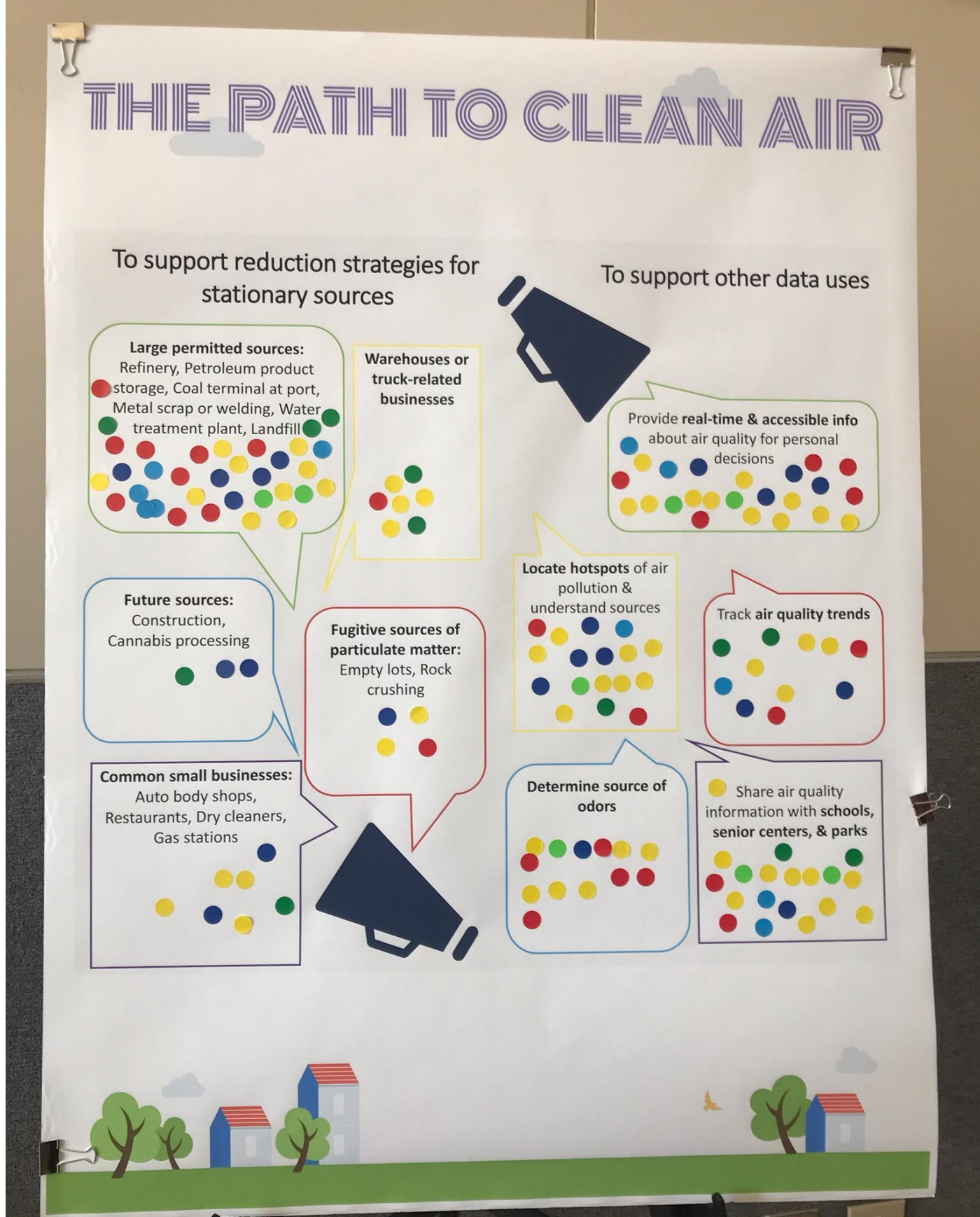
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To support reduction strategies for stationary sources

- Large permitted sources: Refinery, Petroleum product storage, Coal terminal at port, Metal scrap or welding, Water treatment plant, Landfill
- Warehouses or truck-related businesses
- Future sources: Construction, Cannabis processing
- Fugitive sources of particulate matter: Empty lots, Rock crushing
- Common small businesses: Auto body shops, Restaurants, Dry cleaners, Gas stations

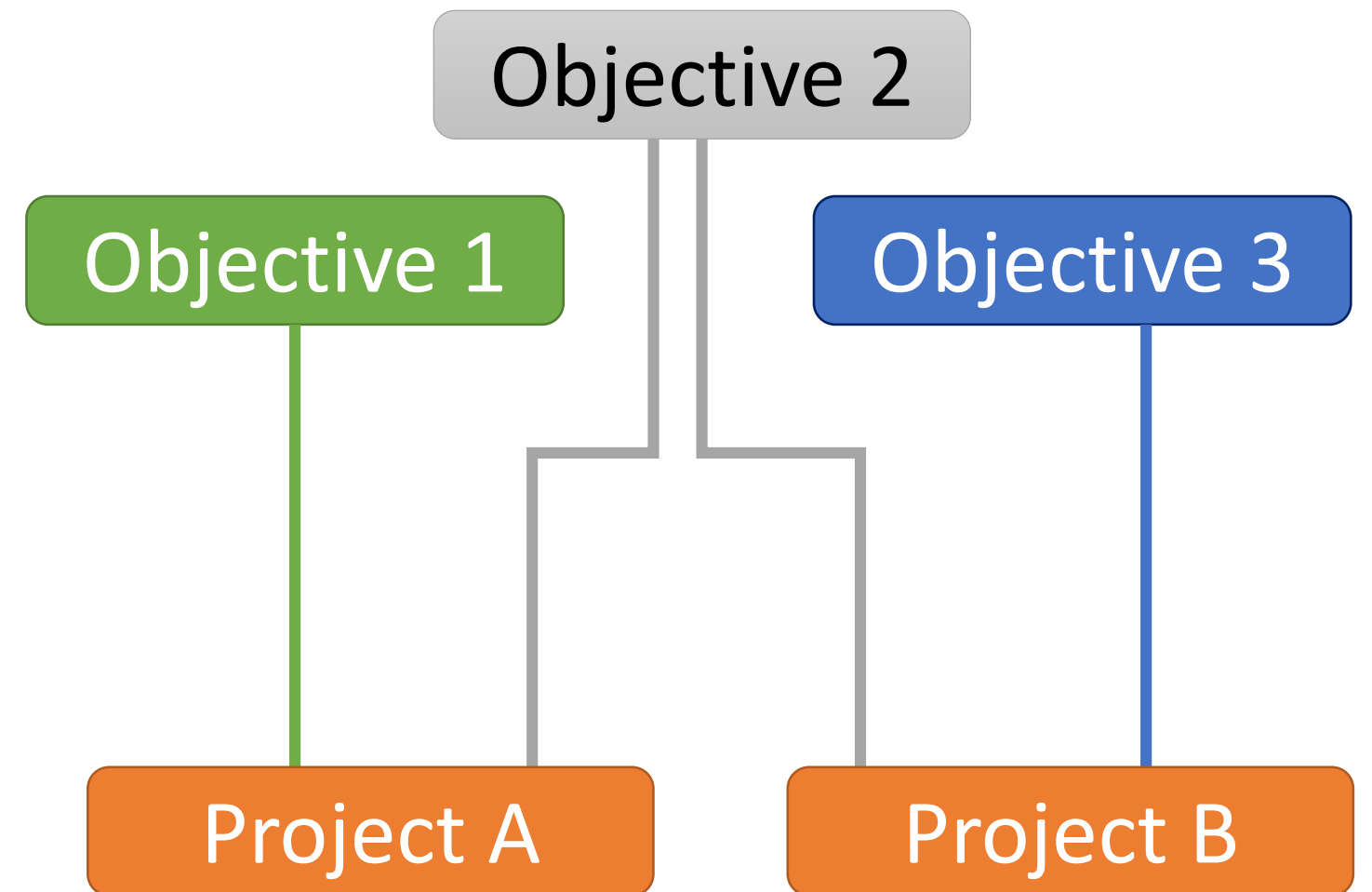
To support other data uses

- Provide real-time & accessible info about air quality for personal decisions
- Locate hotspots of air pollution & understand sources
- Track air quality trends
- Determine source of odors
- Share air quality information with schools, senior centers, & parks



Getting to Objectives and Projects

- We need to define monitoring objectives
 - Why are we monitoring?
 - What will we measure?
 - Where are we monitoring?
- Develop monitoring projects to meet our objectives
- Some monitoring projects may meet more than one objective



In the above example, monitoring in Project A can provide data to inform Objective 1, and can additionally provide data to partly inform Objective 2.

Example Monitoring Project: Identify sources of particulate matter and air toxics around Richmond Harbor

Collect data to meet objectives on air quality related to several identified sources:

- Coal terminal
- Metal recycling
- Aggregate facilities
- Tank terminals
- Wastewater plant
- Traffic (I-580)
- Rail operations
- Marine operations
- Construction



Example Monitoring Project: Identify sources of particulate matter and air toxics around Richmond Harbor

- Pollutants to measure:
 - Particulate Matter
 - Air toxics
- Measurement modes:
 - Initial mobile screening for PM hotspots
 - In-depth mobile monitoring for PM and air toxics
 - Stationary short-term monitoring for PM and air toxics



Small Group Discussion Format

- **There are three categories:**
 1. Data to support reduction strategies for **mobile and off-road sources**
 2. Data to support reduction strategies for **stationary sources**
 3. Data to support **other uses**
- You will spend **20 minutes on each category**
- **Steering committee and members of the public participate only**
- No more than **8 people** per group
- **Step up, step back.**

Small Group Discussion: Participation Agreements

- **One person** speaking at a time; no side conversations.
- Be patient with one another and **respectful** of each other's opinions.
- Be **specific and concise** to maximize the time we have to hear from everyone.
- Please use the **comment form** to ensure we get your input in your exact words.

Small Group Discussion Question

- **There are three categories:**
 1. Data to support reduction strategies for **mobile and off-road sources**
 2. Data to support reduction strategies for **stationary sources**
 3. Data to support **other uses**
- **For each of these categories, please select your top three priorities and explain why.**
 - Use your **reporting form** to write your responses.

Public Comment

Participation Guidelines

- 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

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:
 - **December 11, 6:00 – 8:00 pm**
 - San Pablo Library
 - **RSVP:** <https://forms.gle/8GzioE1g4oYDJKHw5>

Steering Committee Meeting Schedule

- **December 11, 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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