

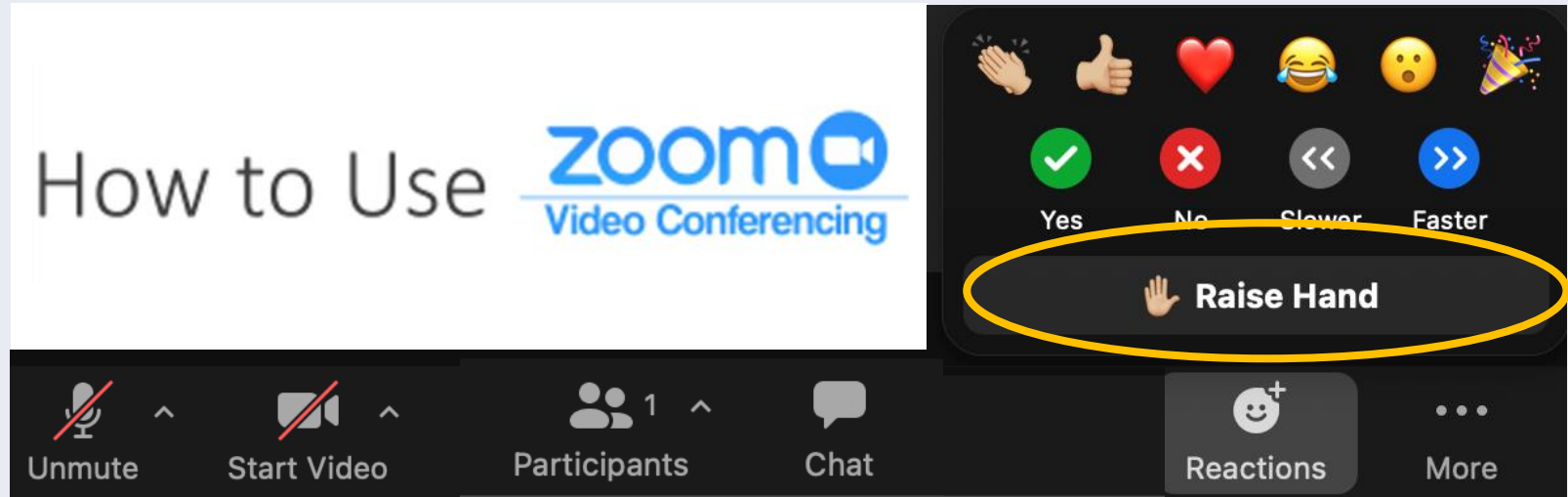


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BARCAP Kick-off Public Workshop

Thank you for joining us. We will begin at 5:30 pm.

Until then, please familiarize yourself with the following Zoom features:



Mute/Unmute

Please mute yourself when not speaking

Video

Participants

- See others
- Rename yourself (Name and Group/Agency Affiliation if applicable)
- Raise hand

Chat

To provide questions and or comments when chat is enabled

Reactions

- Raise hand
- Give thumbs up
- applaud

Note: The Air District will be recording this workshop

If you need technical assistance at any time during this workshop, please message **Kenta Hikino** using the chat.



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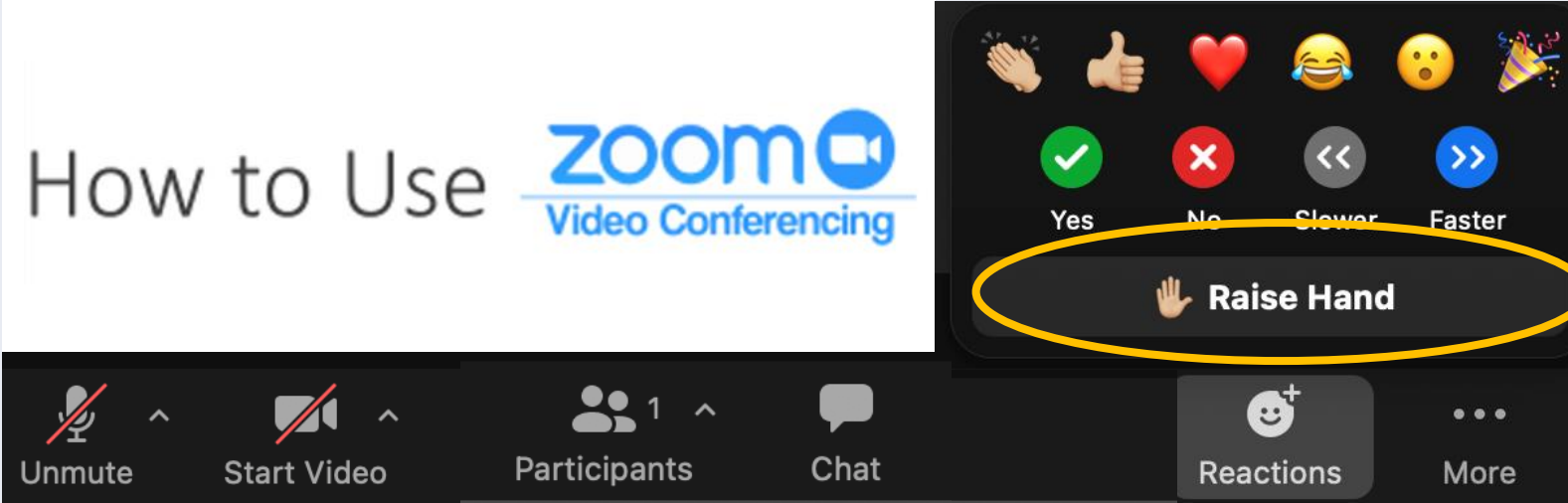
Bay Area Regional Climate Action Plan

Kick-off Public Workshop

Monday, September 30, 2024

<https://www.baaqmd.gov/barcap>

Note: The Air District will be recording this public workshop



The image shows a Zoom meeting interface. At the top left, a slide titled "How to Use zoom Video Conferencing" is visible. On the right, a reactions menu is open, showing options like "Yes", "No", "Slower", "Faster", and "Raise Hand". The "Raise Hand" option is circled in yellow. Below the main interface, five callout boxes provide instructions for each icon: "Unmute", "Start Video", "Participants", "Chat", and "Reactions".

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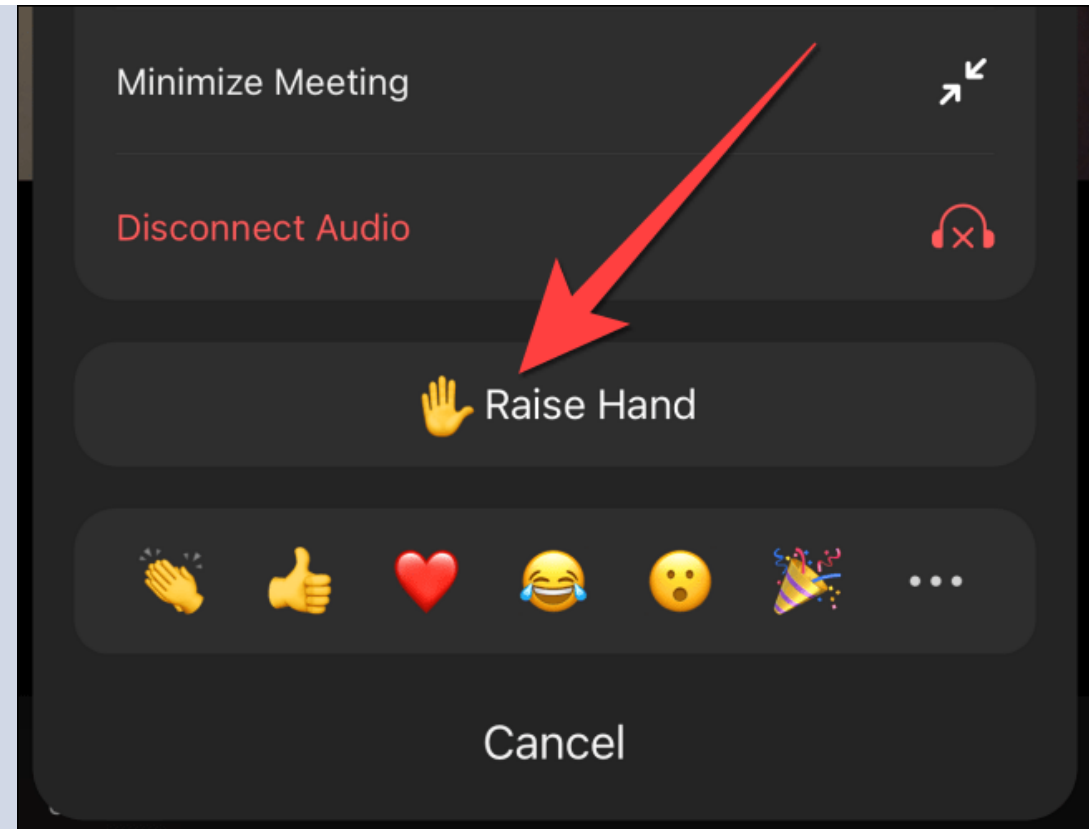
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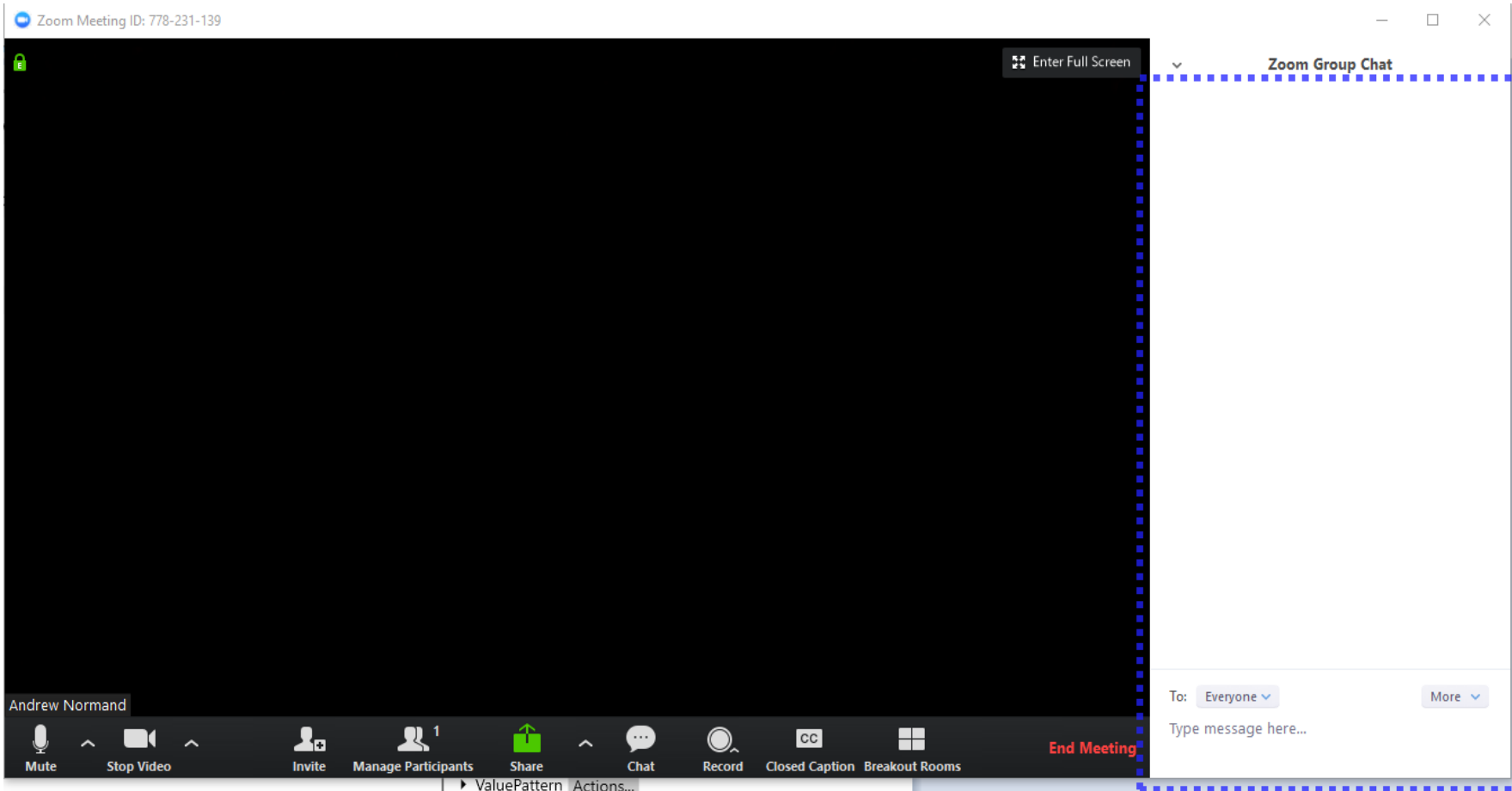
Technical Assistance



If you need technical assistance, please message Kenta Hikino in the Zoom chat or raise your hand.









Thank you for being here!



If you'd like, introduce yourself by putting your **name**, **location** and any **affiliation** in the chat.

Agenda



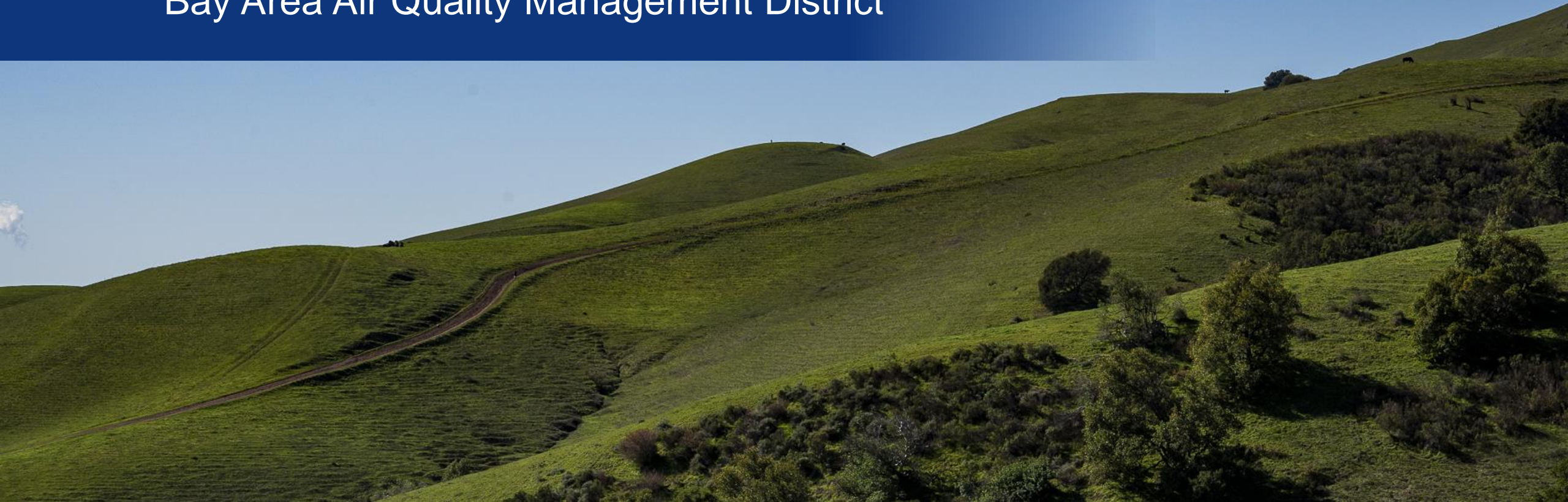
- 1**  **Opening Remarks**
- 2**  **What is the BARCAP Initiative?**
- 3**  **Live Polling**
- 4**  **Our Progress to Date**
- 5**  **Q&A**
- 6**  **What does achieving our goals look like?**
- 7**  **Breakout discussion: Creating a Carbon Neutral Future**

Welcome and Opening Remarks



Wendy Goodfriend

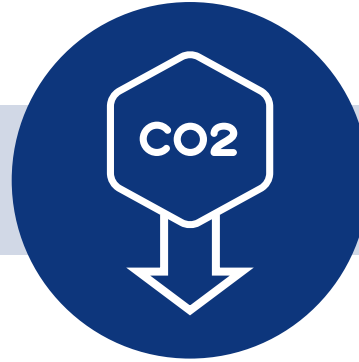
Director of Planning and Climate Protection
Bay Area Air Quality Management District



Workshop Goals



Learn about the
Air District's
Regional
Climate Action
Plan initiative



Help shape a
vision for a
carbon neutral
Bay Area



Connect with
other people
committed to
climate action

Overview of the Bay Area Regional Climate Action Plan (BARCAP) Initiative



Abby Young

Climate Protection Manager

Bay Area Air Quality Management District



The Bay Area is Experiencing Impacts of Climate Change Today



San Francisco Chronicle

6 MONTHS FOR 99¢

Sign in

An extreme heat wave has arrived in California. Here's what it means for the Bay Area

By Gerry Díaz, Newsroom Meteorologist

Updated July 8, 2023 8:41 a.m.



U.S. NEWS

Wildfires in Southern California torch dozens of homes and force thousands to evacuate



SF and major coastal cities 'sinking' amid rising sea levels, report says

"The Bay Area is ground zero for climate change and sea level rise. We are literally 8 million people living in a bathtub."

By Suzanne Phan

Thursday, March 7, 2024



Atmospheric river lashes California with heavy rain and wind

By Mary Gilbert, Antoinette Radford, Eric Zerkel, [Elise Hammond](#), [Zoe Sottile](#), [Amir Vera](#), [Kathleen Magramo](#) and Deva Lee, CNN

Updated 7:24 AM EST, Tue February 6, 2024

Tens of thousands of people in northern California have been allowed to return to their homes after evacuating as wildfires spread in the region during a heatwave.

CNN Weather

Watch

Listen

Live TV

Sign In

A disastrous megaflood is coming to California, experts say, and it could be the most expensive natural disaster in history

Bay Area Air

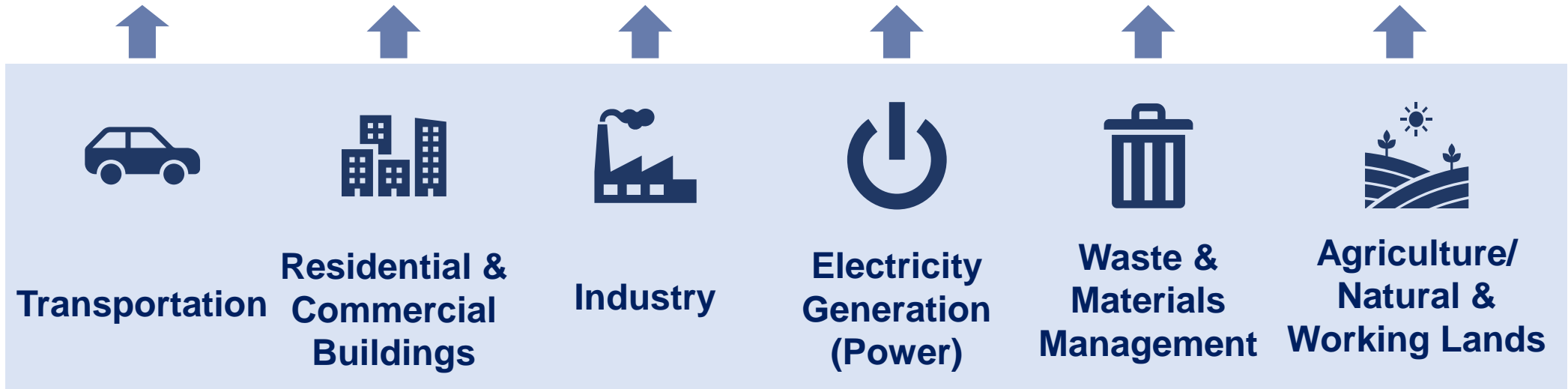
By Payton Major, [Judson Jones](#) and [Brandon Miller](#), CNN

5 minute read · Updated 9:36 AM EDT, Sun August 14, 2022

The Bay Area's Contributions to Global Climate Change



Sources across the economy emit greenhouses gases (GHGs) into the atmosphere.



These sources also remove GHGs from atmosphere and are called sinks.

The Many Benefits of Climate Action



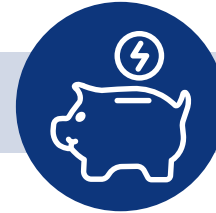
Taking action to reduce GHG emissions and increase sinks can:



Improve outdoor
air quality



Reduce disease and
premature deaths



Save electricity
and money



Expand access
to nature



Improve
transportation
options



Make buildings more
energy-efficient,
comfortable, and healthy



Create business
and job
opportunities

Bay Area Regional Climate Action Plan Initiative



Air District received funding from US EPA to lead development of a regional climate action plan for an eight-county area (see map on left)*

Key deliverables include:

- BARCAP Phase 1: Priority Climate Action Plan (*submitted Feb 29, 2024*)
- BARCAP Phase 2: Comprehensive Climate Action Plan (*due Dec 1, 2025*)

**Santa Clara County is leading its own US EPA-funded planning effort*

How is the BARCAP Unique?



Typical Local Climate Action Plans

- Single jurisdiction-focused plan
- Implemented by a local jurisdiction
- Adopted by city councils or boards of supervisors
- Calls for local action to reduce GHG emissions and adapt to climate change

State Scoping Plan

- Statewide plan for carbon neutrality by 2045
- Implemented by state agencies
- Adopted by California Air Resources Board
- Calls for state action to reduce GHG emissions

Bay Area Regional Climate Action Plan

- Regional roadmap to meet region's vision and climate goals
- Implemented by a mix of agencies and organizations
- Submitted to EPA
- Calls for regional action to reduce GHG emissions

Goals of BARCAP Initiative



GOAL 1
Reduce Bay Area's contributions to climate change to help achieve carbon neutrality by 2045

GOAL 2
Create a healthier breathing environment and provide benefits to frontline communities

GOAL 3
Take regional action to complement and build upon State and local climate action plans

GOAL 4
Address important cross-cutting issues that extend across multiple components of the plan

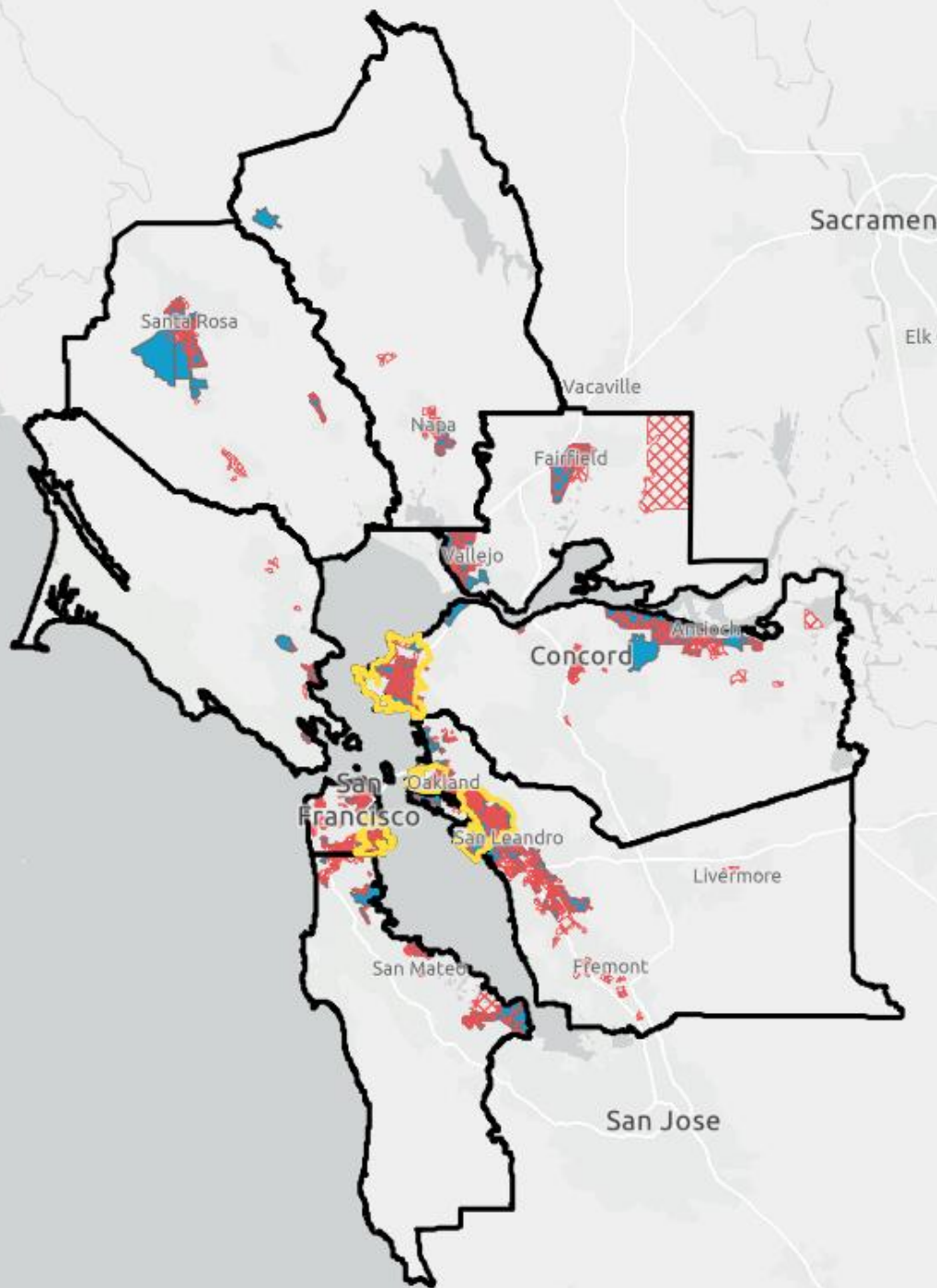


Goal 1: Reduce Bay Area's Contribution to Climate Change to Help Achieve Carbon Neutrality by 2045

- BARCAP will have near- and long-term targets
- Air District recommends aligning with state targets, which are:
 - 40% reduction from 1990 levels by 2030
 - Carbon neutrality by 2045
- Federal and state actions will be taken into account in meeting regional targets

Goal 2: Create a Healthier Breathing Environment and Provide Benefits to Frontline Communities


Where are the frontline communities for BARCAP?



BARCAP Planning

 Boundary


AB 617 CERP

 Community Boundary

EPA IRA Disadvantaged Communities

 Block Group

MTC Equity Priority Communities

 Census Tract

See the webmap at:

<https://experience.arcgis.com/experience/57bdb412b26e4f2eaf8fa762b735652f/page/Map/>



Goal 3: Take Regional Action to Complement and Build Upon State and Local Climate Action Plans

- Complement and build upon efforts of State and local climate action plans
- Unlock barriers and accelerate implementation of local climate actions
- Form committed partnerships of agencies and organizations to pursue implementing regional actions in the BARCAP

Advisory Work Group for BARCAP



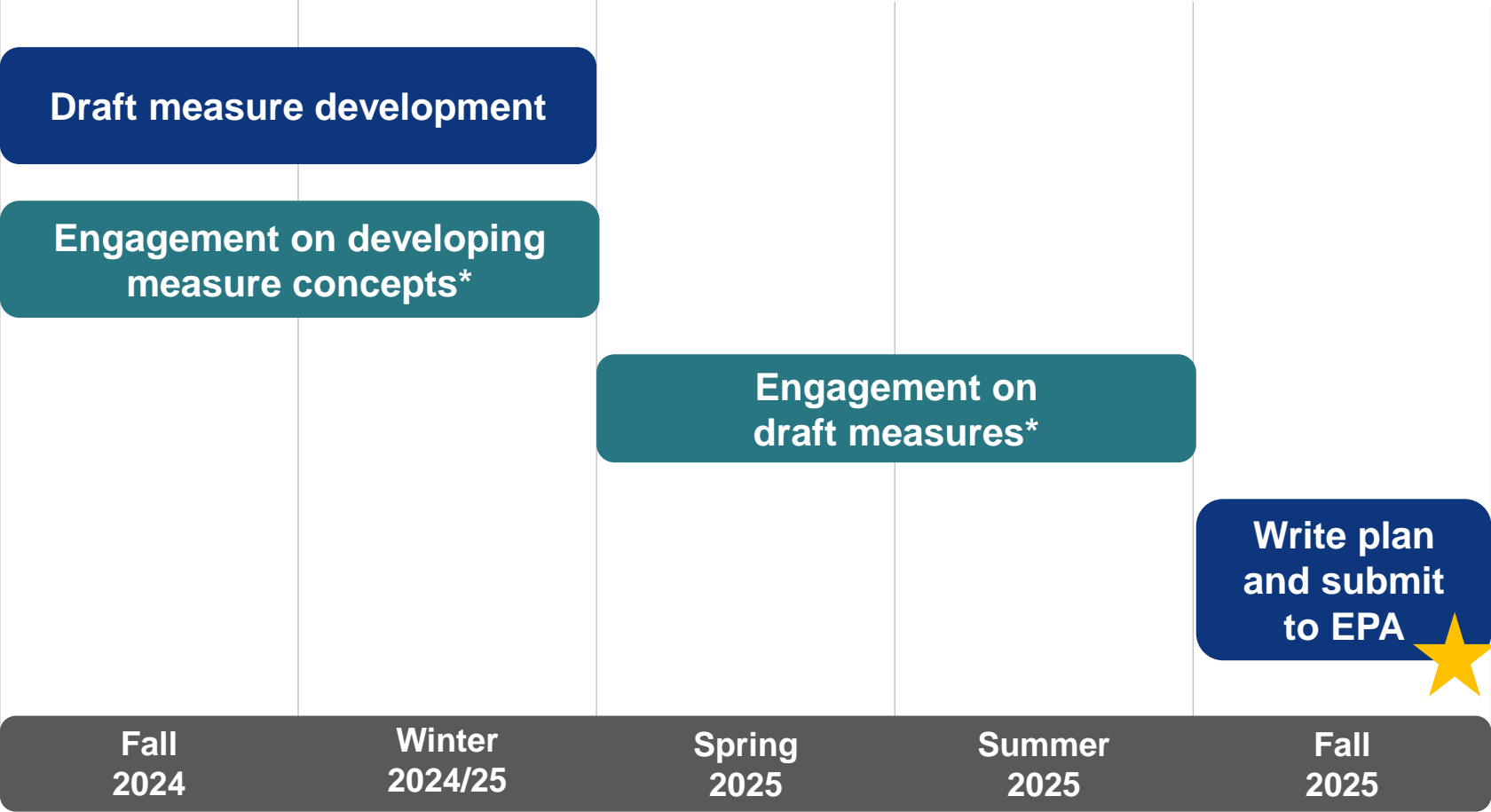


Goal 4: Address Important Cross-cutting Issues That Extend Across Multiple Components of the Plan

Evaluate issues of interest to the region that span economic sectors (e.g., transportation, buildings, energy)

- Economic opportunities and workforce development
- New and emerging technologies
- Opportunities for resilience benefits

BARCAP Development Timeline



** Engagement includes the public, frontline communities, and local governments*



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Q&A

Poll #1



Switch to Poll EV:

- Where do you live in the Bay Area?
- How involved are you in preventing climate change?

Who is joining us today?



Link to optional, anonymous demographic survey + event feedback form

Overview of Prior Work



Jamesine Rogers Gibson

Senior Advanced Projects Advisor

Bay Area Air Quality Management District

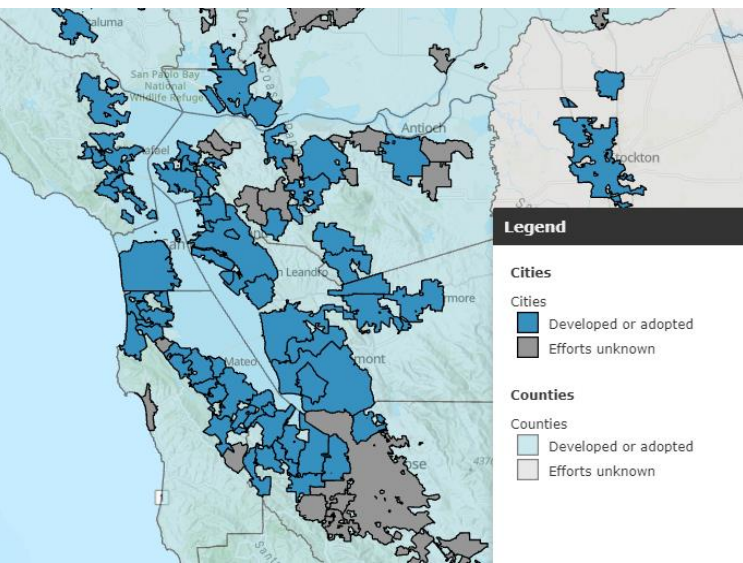




Building Upon Robust Local, Regional, and State Climate Plans

The BARCAP is building upon a robust foundation of climate planning.

California Climate Action Portal Mapping climate action across California



2022 Scoping Plan for Achieving Carbon Neutrality
Executive Summary



SPARE THE AIR. COOL THE CLIMATE
A BLUEPRINT FOR CLEAN AIR AND CLIMATE PROTECTION IN THE BAY AREA

FINAL 2017 CLEAN AIR PLAN

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
ADOPTED APRIL 19, 2017

TRANSIT 2050+

PLAN BAY AREA 2050

Where We've Been (Phase 1 of BARCAP initiative)



- Summer 2023-Spring 2024: Engaged 150+ stakeholders in eight working sessions, one public workshop, three surveys, and assorted local government and CBO events
- Stakeholders included *regional agencies, local governments, CBOs, nonprofits, CCAs and utilities, workforce training organizations, organized labor representatives*

Where We've Been (Phase 1 of BARCAP initiative)



- Air District, partners, and stakeholders co-developed:
 - Recommendations for priority sectors: **buildings** and **transportation**
 - Priority measures for those sectors
 - Design principles to guide measure development
 - List of key benefits/disbenefits of most interest for frontline communities
 - Suggestions for implementation grant proposals and partners
- Priority Climate Action Plan includes two priority measures for reducing emissions with a focus on frontline communities:
 - Existing residential building decarbonization
 - Mode shift through mobility hubs

Phase 1 Output: Key Benefits and Disbenefits



- Identified and conducted analysis of key benefits (to maximize) and disbenefits (to minimize) for frontline communities related to potential buildings and transportation measures
- Update and expand for Phase 2 to include more economic sectors



**Housing quality
& security**



**Energy cost
burden & security**



**Public &
community health**



**Transportation
access & costs**



**Jobs & workforce
development**



**Climate resilience
co-benefits**



**Community engagement,
awareness, & capacity**

Phase 1 Output: Design Principles to Guide Measure Development



- Set of guiding values that informed Phase 1 initial measure development
 - Will update to help guide Phase 2 final measure development
- **Climate equity**
 - **Cooperative** (*builds upon existing efforts*)
 - **Coordinated** (*builds cooperation and meaningful relationships among LGs and CBOs*)
 - **Funding/financing access**
 - **Genuine affordability & access**
 - **Health & safety**
 - **Housing & community stability**
 - **Jobs & local entrepreneurship**
 - **Resilience**

Summary of Phase 1 and Next Steps for Phase 2



Phase 1 completed Spring 2024, including:

- *Priority Climate Action Plan focused on buildings and transportation*
- *Benefits/disbenefits analysis and design principles*
- *Extensive engagement*

Phase 2 ongoing with plan due Dec 1, 2025, including:

- *Developing measures and benefits/disbenefits analysis for all sectors*
- *Updating design principles*
- *Conducting lots of engagement and deep work with stakeholders*
 - Technical workgroups
 - Local government outreach
 - Public workshops
 - Priority community workshops and focus groups
 - Survey

Polling Questions



Please finish the sentence: In 2050, I want the Bay Area to be... (*word cloud*)

What do you see as the greatest opportunities for the BARCAP? (*open-ended*)
- *Examples*

What do you see as the greatest challenges for the BARCAP? (*open-ended*)
- *Examples*

Please rank the following benefits from most to least important to you: (*ranking*)

- Public and community health
- Transportation access and affordability
- Housing quality and security
- Access to clean, reliable, affordable energy
- Job creation and workforce development
- Protecting communities from climate change impacts
- Community engagement, awareness, and capacity
- Access to affordable, healthy food

What would it look like to achieve our goals?



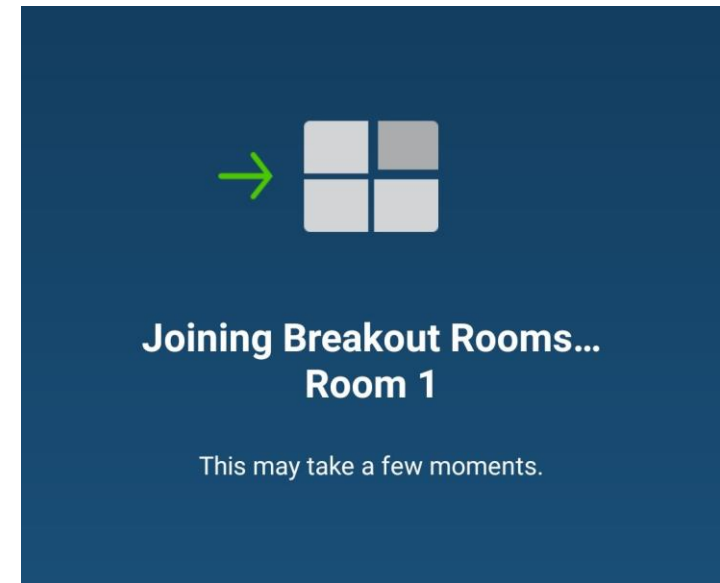
Together we envision a Bay Area where achieving our climate goals fosters thriving communities, healthy natural systems, and a sustainable and prosperous economy.

On the path to that future, we will create family-sustaining jobs, inspire innovation, improve air quality and public health, and prioritize environmental justice.

Breakout Process



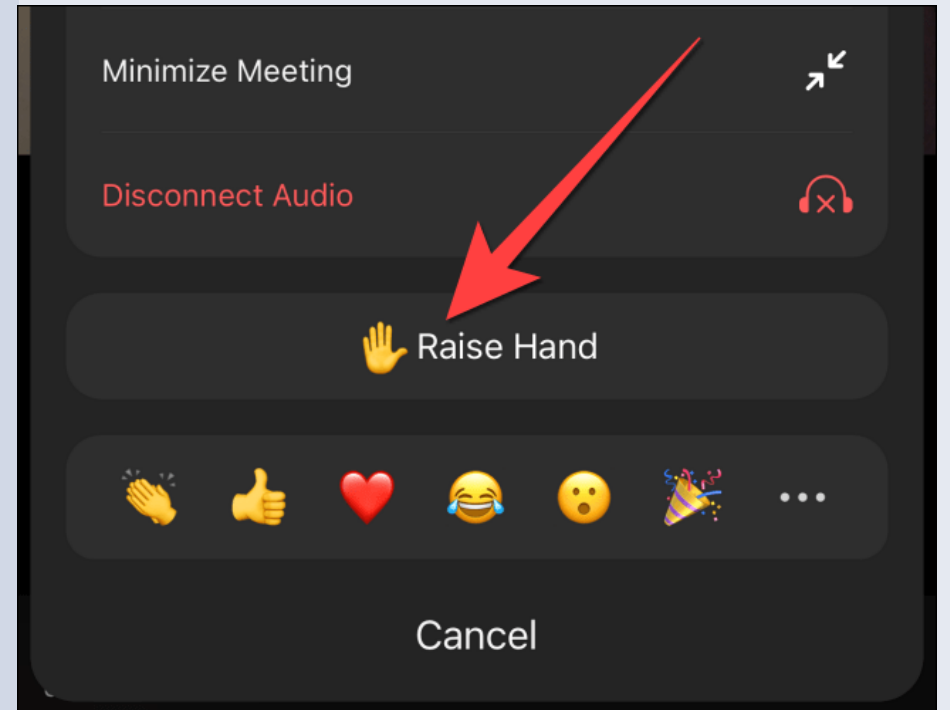
- 25 min discussion (or remaining time until 6:55PM)
- Zoom host will assign participants to breakout rooms
- Participants can share comments by chat or verbally
- Facilitator will manage time and participation
- Notetaker will capture key points
- Not recorded



Breakout Ground Rules



- Raise hand to get in queue to speak next
- Introduce yourself before you speak
- Please mute yourself when not speaking
- Turn your video on if possible (not mandatory)
- Do what you need to show up fully
- All discussion questions are optional
- Conversational courtesy
 - Be mindful of time and your use of it so we can hear from everyone
 - Differences of opinion are okay
 - Speak from your own story and use “I” statements



Discussion Questions: What would it look like to achieve our goals?



- What does a carbon neutral future mean for...
- What benefits of lowering our region's emissions are most important to you? And conversely, what are your top concerns, potential disbenefits, or barriers you see to achieving a carbon neutral future?
- Do you have any other considerations or concerns to share for Phase 2 of the BARCAP process?



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Discussion Share-Out



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Thank you for joining us!

Please stay involved in the
BARCAP by:

Signing up for updates:

<https://www.baaqmd.gov/BARCAP>

Contacting us at planning@baaqmd.gov

Bay Area Regional Climate Action Plan (BARCAP)

Kick-off Public Workshop

Monday, September 30, 2024



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Instructions for facilitators
here

Breakout room discussion

Breakout Process

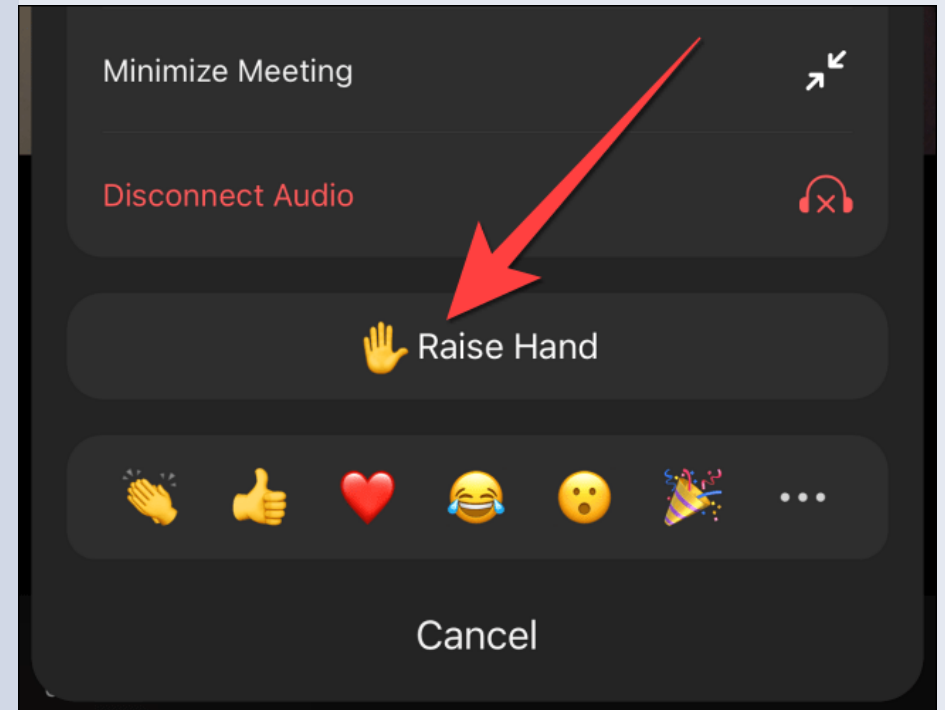


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Discussion Question 1



What does a carbon neutral future mean for...

- Your home/household?
- Your neighborhood/commute to work or school?
- The Bay Area region?

Discussion Question 2

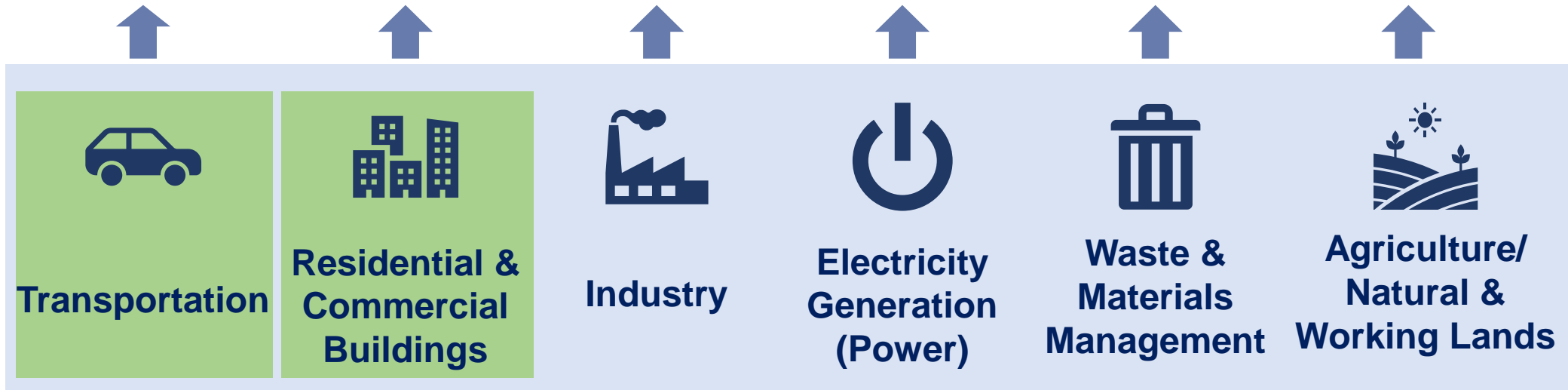


What **benefits** of lowering our region's emissions are most important to you?
Conversely, what are your **top concerns, potential disbenefits, or barriers** you see to achieving a carbon neutral future?

The Bay Area's Contributions to Global Climate Change



Sources across the economy emit greenhouses gases (GHGs) into the atmosphere



Examined in Phase 1

These sources also remove GHGs from atmosphere and are called sinks

Discussion Question 3



Do you have any other considerations or concerns to share for Phase 2 of the BARCAP process?