



**AGENDA: 5**

# **Presentation on Draft BARC Shared Work Plan**

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Bay Area Air Quality  
Management District  
Administration Committee

May 18, 2022

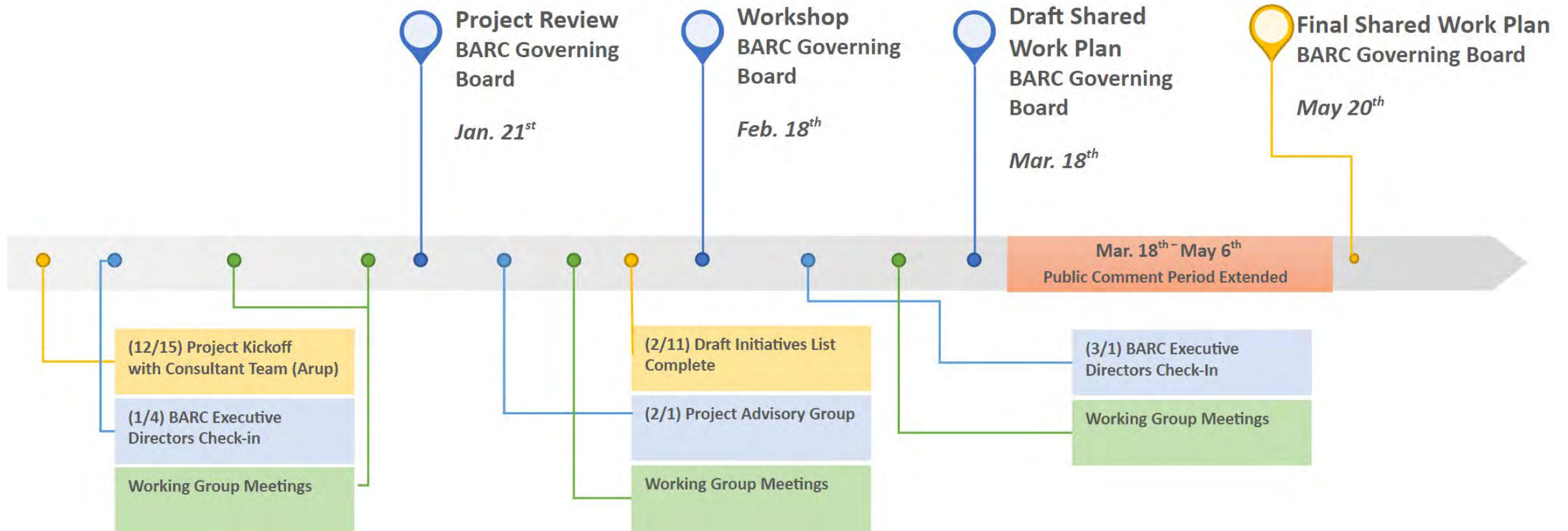


Bay Area  
**Regional  
Collaborative**

# Underlying Premise for BARC Shared Work Plan:

- There is a need for a strong regional role to address climate change
- There is value in strategic coordination among regional agencies to reduce redundancies, avoid conflict, optimize resources, produce better outcomes
- *Not done in a vacuum* – work requires involvement with multitudes, including cities, counties, special districts, community-based organizations, nonprofits, business, academia, and many others

# Development of Draft Shared Work Plan Timeline





# Shared Work Plan Goals

## Identify

Identify actions that advance high priority shared climate goals in 1-5 years and accelerate **cross-agency alignment**

## Commit

Commit to devoting appropriate staff time and resources in Fiscal Year 22-23

## Prioritize

Prioritize social equity, justice, and inclusion across projects

## Develop

Develop a coordinated technical assistance program to support local action and innovation

## Evaluate

Evaluate and monitor Initiative progress through appropriate metrics



### Joint Resolution to Address Climate Change September 17, 2021

**WHEREAS**, according to the recent United Nations Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), catastrophic climate change impacts, including extreme droughts, severe heat waves and flooding, will continue to worsen for at least the next 30 years across the globe, while global sea levels will continue to rise at least for centuries<sup>1</sup>; and

**WHEREAS**, the increasingly frequent and severe impacts of climate change in the Bay Area do not conform to jurisdictional boundaries or the planning and regulatory authorities of any one agency or organization, and are creating overlapping risks to public health and safety that necessitate an integrated approach to air pollution mitigation and climate resilience; and

**WHEREAS**, scientific estimates project that California could experience as much as seven feet of sea level rise by the end of the century<sup>2</sup>, with the San Francisco Bay estimated to experience two-thirds of the flood impacts projected for the state<sup>3</sup>; and

**WHEREAS**, increasingly frequent and severe wildfires are creating air quality impacts that represent a public health crisis for Bay Area residents, while undermining progress on reducing greenhouse gas emissions. In 2020, wildfires released an estimated 112 million metric tons of CO<sub>2</sub> into the atmosphere<sup>4</sup>; and

**WHEREAS**, warming temperatures and prolonged drought increasingly stress the Bay's estuarine ecosystem and the ecological processes that it supports, while threatening the water supplies of communities around the region and throughout the state; and

**WHEREAS**, the Bay Area region's most socioeconomically vulnerable frontline communities are at great risk of exposure to climate threats and have limited access to the resources needed to reduce risks and increase the resilience necessary to recover from disasters; and

**WHEREAS**, by practicing an advanced form of coordination and strategic integration across the planning, investments, and regulatory activities of its member agencies, BARC aims to measurably and equitably improve the resilience, adaptive capacity,

<sup>1</sup> Intergovernmental Panel on Climate Change. (2021, August). *Climate Change 2021: Summary for Policymakers*. [https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC\\_AR6\\_WGI\\_SPM.pdf](https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_SPM.pdf)

<sup>2</sup> California Legislative Analyst's office. (2020, August). *What Threat Does Sea-Level Rise Pose to California?*

[https://lao.ca.gov/Publications/Report/4261#California\\_Will\\_Experience\\_Rising\\_Seas\\_and\\_Tides](https://lao.ca.gov/Publications/Report/4261#California_Will_Experience_Rising_Seas_and_Tides)

<sup>3</sup> Barnard, P.L., Erikson, L.H., Foxgrover, A.C. *et al.* Dynamic flood modeling essential to assess the coastal impacts of climate change. *Sci Rep* 9, 4309 (2019). <https://doi.org/10.1038/s41598-019-40742-z>

<sup>4</sup> California Air Resources Board. (2021). *Frequently Asked Questions: Wildfire Emissions*. <https://ww2.arb.ca.gov/resources/documents/frequently-asked-questions-wildfire-emissio>

# Initiatives Evaluation Criteria

## Effectiveness & Impact



- Is it ambitious enough to meet regional goals and the climate emergency?
- Does the initiative support alignment of related activities across *multiple agencies* to deliver a stronger outcome?
- Is there value-add in this being tackled at the *regional* level?

## Enthusiasm & Consensus



- How much interest do BARC member agencies demonstrate for this initiative?

## Feasibility & Capacity



- How realistic is it to implement in the next 1-5 years?
- Do the lead and partner agencies have the resources to deliver? If not, can BARC help identify and secure needed resources?

## Positive Equity Outcome



- How does the initiative measurably improve quality of life outcomes for black, indigenous, people of color (BIPOC) and frontline communities, and advance fair and inclusive processes?

# Shared Work Plan Initiatives

## Climate Adaptation



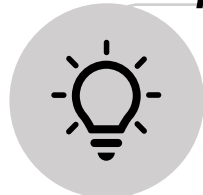
1. Regional Adaption Plan
2. Regional Technical Assistance

## Greenhouse Gas Reduction



3. Zero Emission Transit Bus Infrastructure

## *Exploratory Area*



4. Low-Carbon, High-Equity Neighborhoods

# Climate Adaptation Initiatives

1

Regional Adaptation  
Plan

Develop a Regional Multi-Hazard Adaptation  
Plan

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2

Regional Technical  
Assistance

Establish a regional technical assistance  
program to support local governments in  
advancing shared approach to adaptation  
planning and project implementation

# Initiative 1: Regional Adaptation Plan

## Challenge Statement:

The Bay Area faces increasing risks from climate hazards including sea-level rise, coastal and inland flooding, extreme heat, drought, and wildfires. The current lack of standardized and coordinated adaptation approaches across the region creates individualized local actions and disjointed approaches to managing risk. This environment also creates competition for funding and disparate resilience preparedness throughout the Bay, often leaving those most at risk at a further disadvantage.

**Goal:** Develop a Regional Multi-Hazard Adaptation Plan that creates a standardized regional approach to manage risk and achieve greater resilience across the Bay Area.

## Tasks

- Better understand the landscape of authorities and responsibilities between/among regional agencies, and other stakeholders
- Develop engagement strategy for inclusive process
- Submit Grant Application to OPR for Regional Planning – Fall 2022
- Develop Framework for SLR Project Prioritization (BCDC-led)
- Create Inventory/Map of Multi-hazard Risk across Bay Area
- Identify opportunities for legislative advocacy



# Initiative 2: Regional Climate Adaptation Technical Assistance

**Challenge Statement:** Local governments have different levels of capacity and resources available to conduct adaptation planning and develop risk management strategies – especially those at the frontlines of risk and most in need of early interventions.

**Goal:** Develop a regional-scale technical assistance program to support local governments in advancing a range of location-specific adaptation planning and project implementation actions to help manage risk and foster more equitable resilience.

## Tasks

- Outreach/Engagement/Survey to determine needs for technical assistance by local stakeholders
- Outline oversight responsibilities for each hazard (including funding), regulatory environment and general lay-of-the-land; provide analysis and best practices on leadership and coordination issues related to managing risks at the appropriate scale and financing adaptation projects.
- Funding and Investment Framework (led by MTC/ABAG and BCDC)
- Develop clearinghouse of adaptation data, standards and guidance
- Develop easy-to-access technical assistance offerings that reflect range of needs expressed by local jurisdictions, CBO's, others.

# Greenhouse House Reduction Initiative

1

Zero Emission Transit Bus Infrastructure

Accelerate Zero-Emission Transit Bus (ZEB) deployment by supporting coordinated expansion of infrastructure and modernized facilities across the region. Position the region to capture significant federal and state funds to do so.

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Low-Carbon, High-Equity Neighborhoods

Develop holistic approach across agencies to foster more affordable, healthy, zero-emission neighborhoods. Identify ways to align a range of interrelated agency activities focused on zero-emission affordable housing, electric vehicles, and active transportation

# Initiative 3: Zero Emission Transit Bus Infrastructure

**Challenge Statement:** Buses play a critical role in meeting transportation demand and reducing single-passenger trips, especially in lower-income communities of color. Zero-emission buses (ZEBs) further regional efforts to meet GHG reduction goals. Currently, MTC/ABAG and BAAQMD interface with and support the Bay Area's 27 transit agencies' ZEB efforts in a piecemeal fashion. To be more competitive for the significant State and Federal funding imminently available for ZEBs and charging infrastructure, MTC/ABAG and BAAQMD require a coordinated regional strategy.

**Goal:** Accelerate Zero-Emission Transit Bus (ZEB) deployment by supporting coordinated expansion of charging infrastructure and modernized facilities across the region.

## Tasks

- Facilitate coordination between BAAQMD and MTC on grantmaking to support ZEB charging infrastructure
- Create overview/diagram of key players in the electric charging infrastructure area
- Explore opportunities for shared transit/municipal charging infrastructure
- Explore/analyze near-term and long-term obstacles around charging infrastructure and power grid w/ utilities, cities, counties, etc.



# Initiative 4: Low-Carbon, High-Equity Neighborhoods

**Challenge Statement:** MTC/ABAG and BAAQMD are currently pursuing several separate, yet interrelated activities to decarbonize how Bay Area residents live and commute, including: low-carbon, affordable housing development; electric vehicle charging incentives, trip reduction pilot programs and transit-oriented communities, among others. The siloing of these different efforts can fall short of maximizing and leveraging programs and investments to achieve both low-carbon and high-equity results for people and communities.

**Goal:** Strategically align related agency activities to ensure a holistic, coordinated approach to achieve, affordable, low-carbon neighborhoods.

# Next Steps:

- Final Draft to be presented to BARC Governing Board on May 20, 2022
- BARC Draft Budget presented on June 17, 2022
- Further refinement of detailed scope of work, meeting schedule, engagement plan for each Initiative continues through June and July.





BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

**AGENDA: 6**

# **Return to Office Planning and Distributed Work Update**

**Administration Committee Meeting  
May 18, 2022**

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# Outline



- Background & Timeline
- Health Protective Policies
- General Workweek Arrangements
- Return to the Office Environment

# Recommended Action



None. Informational only.

# Background & Timeline



- March 2020, Air District Work goes remote
- October 2021, Distributed Workforce Policy developed, announced and staff trained
- May 2022, Health Protective Policies under development with completion expected in June 2022
- Summer 2022, Return to the office environment

# Health Protective Policies



- Close coordination with MTC/BAHA partner agencies
- Vaccine requirements for staff and on-site contractors
- Vaccine reporting requirements for all staff and on-site contractors
- Face coverings recommended
- Testing requirements after exposure or onset of symptoms
- Air District will provide staff with at-home COVID-19 test kits and PPE supplies



# Return to Office Environment



- Continue Monitoring COVID-19 Public Health local/state/federal requirements and adjust as necessary
- Implementation of Return to Office Plan in Summer 2022
  - Implement Health Protective Policies
  - Complete General Workweek Arrangement Schedules
  - Return to the office environment

# Questions



- Questions / Comments