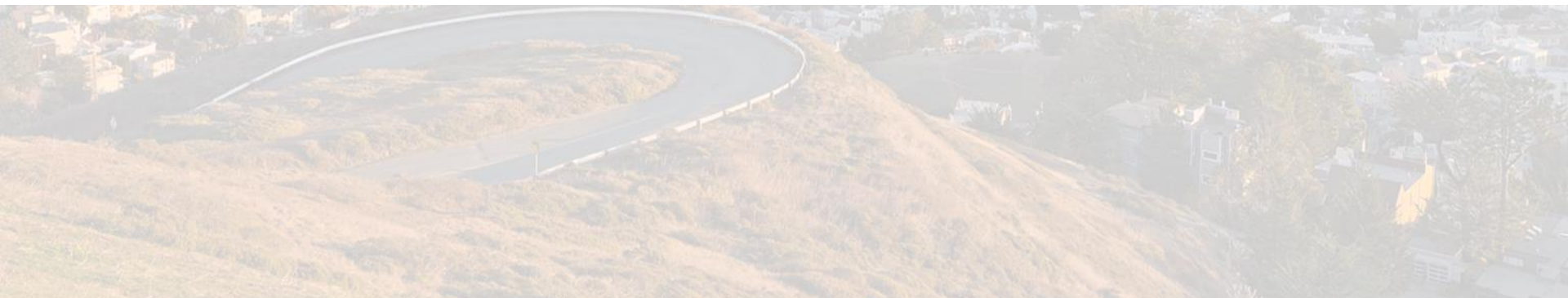




BARC Executive Director's Report

Allison Brooks
BARC Governing Board
September 20, 2019



Agenda

1. Revisiting BARC's Role in Supporting Regional Governance
2. Overview of BARC 2020-2022 Work Plan
 - a) Level Playing Field
 - b) Resilient Bay Area projects
 - c) Carbon-Free Bay Area projects
3. Discussion

1. BARC & Regional Governance

In practice, BARC has been a vehicle for:

- Identifying areas of alignment to address cross-cutting issues
- Anticipating potential tension points between agencies



1. BARC & Regional Governance

Questions to Consider:

- How can BARC best operationalize its purpose?
- How can ideas discussed at Governing Board best be introduced to individual member agencies?
- How is role of BARC integrated into governance discussion being kicked off by MTC and ABAG?





2. Overview of BARC Work Plan 2020-2022

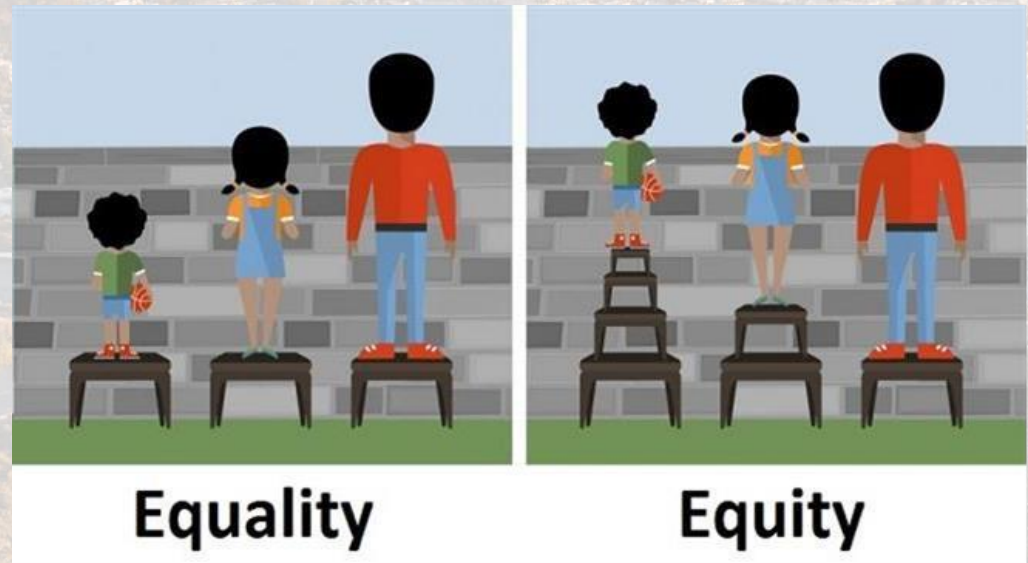
BARC's Level Playing Field Approach

- Focus on Bay Area's most socio-economically vulnerable communities
- Deliver measurable outcomes to improve health, mobility, affordability, and address vulnerabilities to flooding, sea level rise and other risks.



BARC and the Government Alliance on Race and Equity (GARE)

- BARC sponsors member agencies' participation in GARE
- Builds capacity addressing inequities through government



BARC Projects

Plan Bay Area 2040

Clean Air Plan

Bay Plan

BARC Work Area: Resilient Bay Area

1. SB1 Adaptation Planning Grants	✓		✓
2. Adapting to Rising Tides (ART) Bay Area	✓		✓
3. Horizon/Plan Bay Area: Integrating Sea Level Rise	✓	✓	✓
4. Regional Shoreline Adaptation Plan	✓		✓
5. State Legislation: Resilient Bay Area	✓	✓	✓

1. SB1 Adaptation Planning Grants

BARC supporting advanced adaptation planning for Resilient by Design concepts and critical high-risk locations around Bay:

- **South San Francisco- Colma Creek Collector**
- **State Route 37 Corridor- San Pablo Baylands Public Access**
- **Dumbarton Bridge – East Palo Alto Resiliency Study**



Public input to the South San Francisco- Colma Creek project (photo: Hassell)

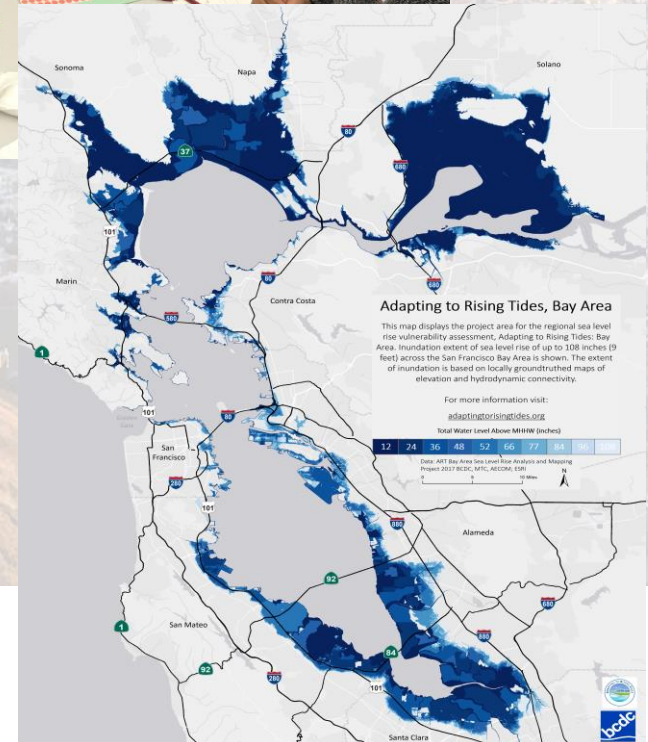
BARC is also working to move other Resilient by Design projects toward implementation, including a horizontal levee project in **North Richmond** in partnership with The Watershed Project and San Francisco Estuary Partnership.

2. Adapting to Rising Tides (ART) Bay Area

3-year project coming to completion in the Fall of 2019. Informs Plan Bay Area and regional sea level rise actions generally.

Accomplishments:

- Data – definitive answers about what gets wet, where, and when
- Foundation for regional decision-making
- Networks and capacity-building
- Primed group of region-wide stakeholders



3. Horizon & Plan Bay Area: Integrating Sea Level Rise

BARC focused on bringing stakeholders together w/ MTC/ABAG, BCDC and SCC to incorporate sea level rise strategies into Plan Bay Area 2050.



4. Regional Adaptation Framework

BARC is helping to facilitate and is advising an effort to develop a long-term approach to manage sea level rise and flooding at the regional scale.

Activities

- Serving on advisory council for BCDC-led effort
- Supporting ongoing efforts to identify opportunities for integration between Plan Bay Area 2050 and other needed sea level rise planning efforts.

5. State Level Advocacy: Resilient Bay Area

BARC can support its Resilient Bay Area portfolio through targeted legislative and/or programmatic actions at the state level.

Activities

- Advocating for increased funding for planning and implementation of resiliency measures.
- Advocating for changes to state funding programs (e.g., SHOPP) to better support multi-benefit climate adaptation projects locally.

BARC Projects

Plan Bay Area 2040

Clean Air Plan

Bay Plan

BARC Work Area: Carbon-Free Bay Area

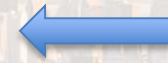
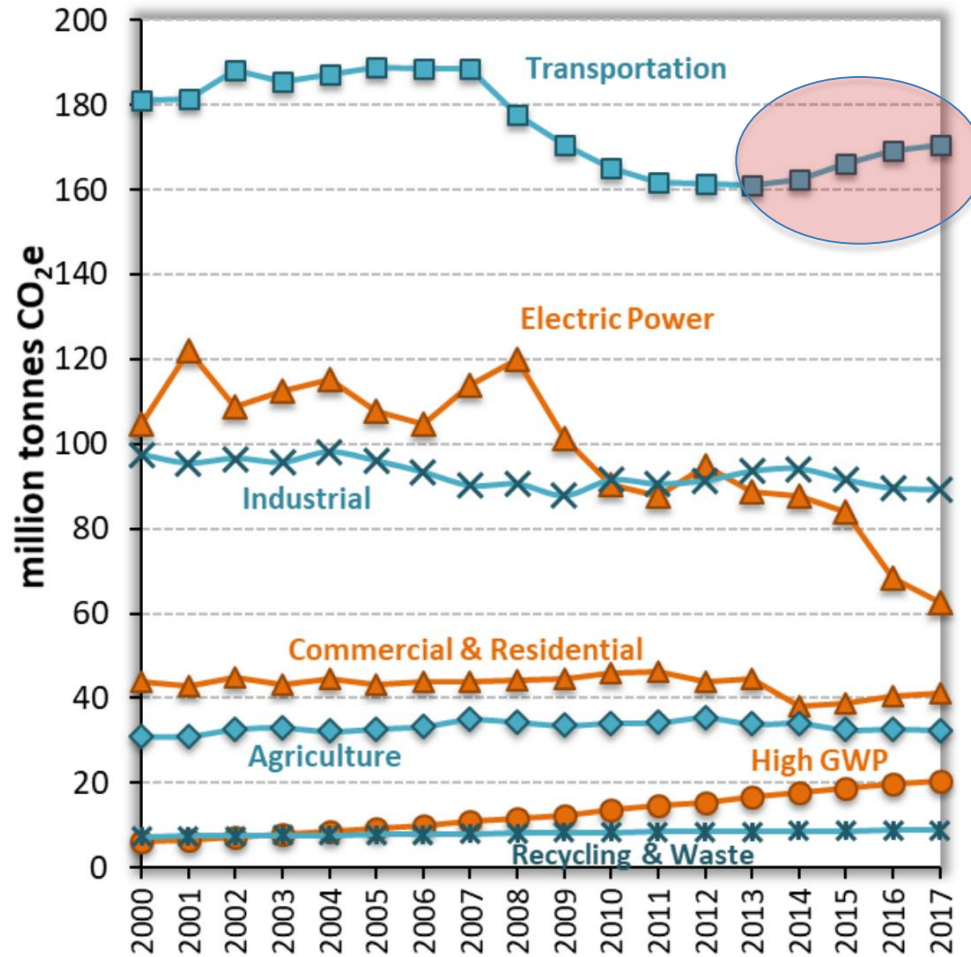
1. AB 617 Implementation:
Focus on Mobile Sources



2. Building Electrification



CA's Rising Transportation GHG Emissions



6% increase in Transportation emissions from 2013-2017, mainly driven by on-road gasoline emissions

Source: CARB, 2019 GHG Inventory

1. AB617 Implementation: Focus on Mobility

Proposed BARC Activities:

1. **Identify 3-5 strategies** starting w/ AB617 West Oakland Community Action Plan that achieve targets/goals laid out in agency plans.
2. **Support cross-agency staff and local stakeholders** in implementing chosen strategies

Relevant Agency Planning Goals



Plan Bay Area 2040

- Meet increased regional GHG target of **19% reduction in per capita passenger vehicle GHG emissions by 2035** (Climate Protection, SB 375 2018 update)
- **Reduce adverse health impacts** associated with air quality, road safety and physical inactivity by 10%. (Healthy and Safe Communities)
- **Increase non-auto mode share by 10%.** (Transportation System Effectiveness)



Clean Air Plan

- **Reduce motor vehicle travel** by promoting transit, bicycling, walking and ridesharing. (ES/4-6)
- Direct new development to areas that are **well-served by transit, and conducive to bicycling and walking.** (ES/4-6)
- **Promote the use of clean fuels and low- or zero-carbon technologies** in trucks and heavy-duty equipment. (ES/4-6)

Berkeley becomes first U.S. city to ban natural gas in new homes

San Francisco Chronicle

Op-Ed: Berkeley banned natural gas. The rest of California should too

Los Angeles Times

Give Up Your Gas Stove To Save The Planet? Banning Gas Is The Next Climate Push



Bay Area cities poised to follow Berkeley's natural gas ban

San Francisco Chronicle

2. Building Electrification

Proposed BARC Activities:

1. In collaboration with BAAQMD and BayREN staff, **identify opportunities** to lower barriers to building electrification in Bay Area cities (e.g., model ordinances, consumer education)
2. **Support cross-agency staff** in developing and implementing identified project (beginning early 2020)

Relevant Agency Planning Goals



Plan Bay Area 2040

- **Reduce adverse health impacts** associated with air quality, road safety and physical inactivity by 10%. (Healthy and Safe Communities)

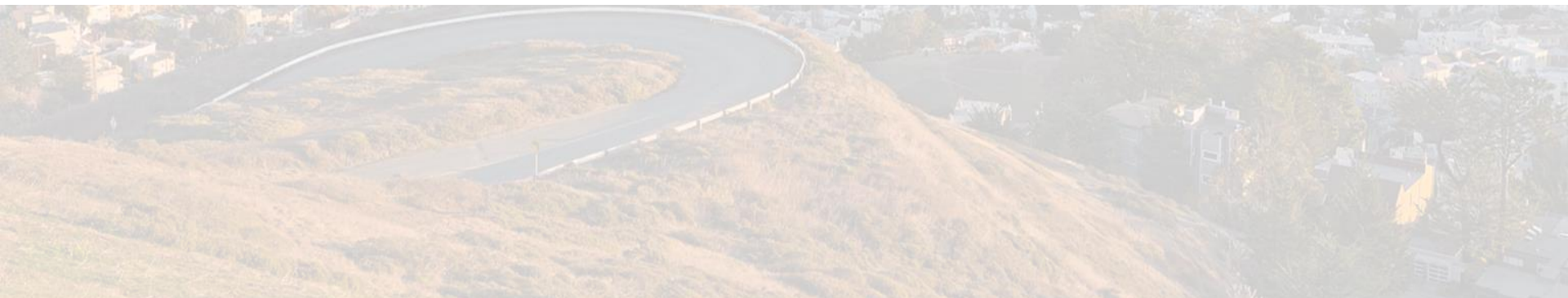


Clean Air Plan

- **Switch from natural gas to clean electricity, or other renewable energy**, for space and water heating, clothes drying, cooking, and other domestic uses. (ES/3)
- **Promote energy and water efficiency in both new and existing buildings.** (ES/4-6)



3. Discussion



An aerial photograph of San Francisco, showing the city's dense urban landscape, the Golden Gate Bridge, and the surrounding hills and water. The image is slightly faded to serve as a background for the text.

Thank You!

Allison Brooks
Executive Director, BARC
September 5, 2019