

Interagency Flooding & Sea Level Rise Memorandum of Understanding



ASSOCIATION
OF BAY AREA
GOVERNMENTS



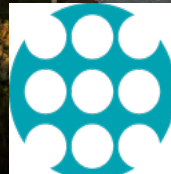
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METROPOLITAN
TRANSPORTATION
COMMISSION



Bay Area
Regional
Collaborative



BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

Adaptation Needs

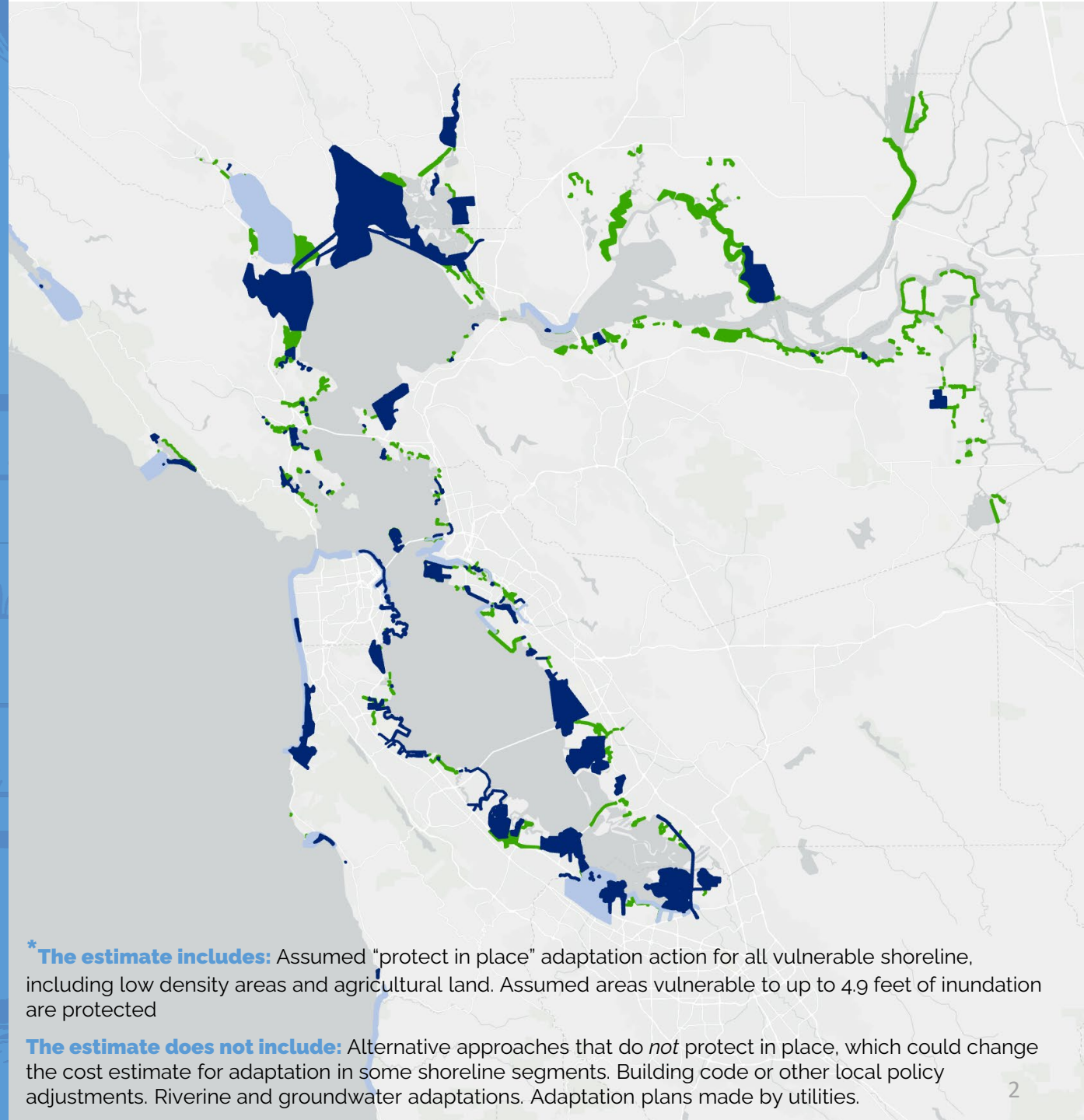
What is the regional estimate to fund adaptation?

\$110 billion*

Estimated cost of sea level rise adaptation through 2050 (in Year of Expenditure dollars)

What is the regional estimate of inaction?

\$231 billion



***The estimate includes:** Assumed "protect in place" adaptation action for all vulnerable shoreline, including low density areas and agricultural land. Assumed areas vulnerable to up to 4.9 feet of inundation are protected

The estimate does not include: Alternative approaches that do *not* protect in place, which could change the cost estimate for adaptation in some shoreline segments. Building code or other local policy adjustments. Riverine and groundwater adaptations. Adaptation plans made by utilities.

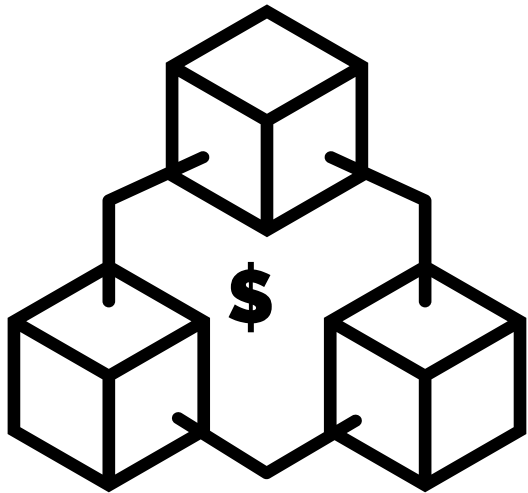
Regional Efforts Have Called Out Need to Identify Fund Manager

Bay Adapt Funding and Governance Action, Task 6.2: Establish a Framework for Funding Plans and Projects

Develop a Revenue Generation and Distribution Plan

At a regional level, establish or designate a governance structure to develop and implement the Revenue Generation and Distribution Plan and allocate funding. This entity or structure should have the following qualities:

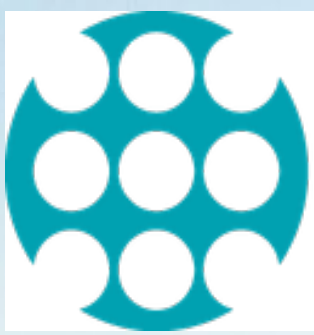
- Technical capabilities to evaluate SLR, planning, environmental, and financial issues
- Regional governance structure (i.e, has reach and representation throughout the 9-county Bay Area)
- Ability to receive, raise, and distribute regional funding



BCDC/MTC/ABAG Sea Level Rise Adaptation Funding & Investment Framework

Next Step: Better define lead agency roles for SLR funding efforts in the Bay Area

While tackling SLR requires robust partnerships, the lack of a lead agency to secure additional funding and distribute it equitably hinders the Bay Area's ability to mitigate climate impacts



Bay Area Regional Collaborative

BARC MEMBERS

Association of Bay Area Governments (ABAG)

Bay Area Air Quality Management District
(BAAQMD)

Bay Conservation and Development
Commission (BCDC)

Metropolitan Transportation Commission (MTC)

Executive Officer & Staff Representation

California State Coastal Conservancy (SCC)

Caltrans District 4

SF Regional Water Quality Control Board

Core Functions Outlined in MOU



1. **Planning**: *Preparing for SLR and Flooding Risks*
2. **Fund Management**: *Securing and Awarding Federal, State, and Regional Funding*
3. **Technical Assistance**: *Supporting Project Development and Delivery*
4. **Regulatory Alignment**: *Permitting for Adaptation*
5. **Coordination**: *Collaboration and Decision-making Among Agencies*

Roles at a Glance

	ABAG/ SFEP	BAAQMD	BARC	BCDC	Caltrans D4	MTC	SCC	Water Board
Planning	Responsible	Involved	Involved	Prime	Responsible	Responsible	Involved	Involved
Fund Management	Responsible	Involved	Responsible	Involved	Responsible	Responsible	Prime	Involved
Technical Assistance	Prime	Involved	Responsible	Responsible	Responsible	Responsible	Responsible	Involved
Regulatory Alignment	Involved	Responsible	Involved	Responsible	Involved	Involved	Involved	Responsible
Coordination	Involved	Involved	Prime	Responsible	Involved	Involved	Involved	Involved



Prime



Responsible



Involved

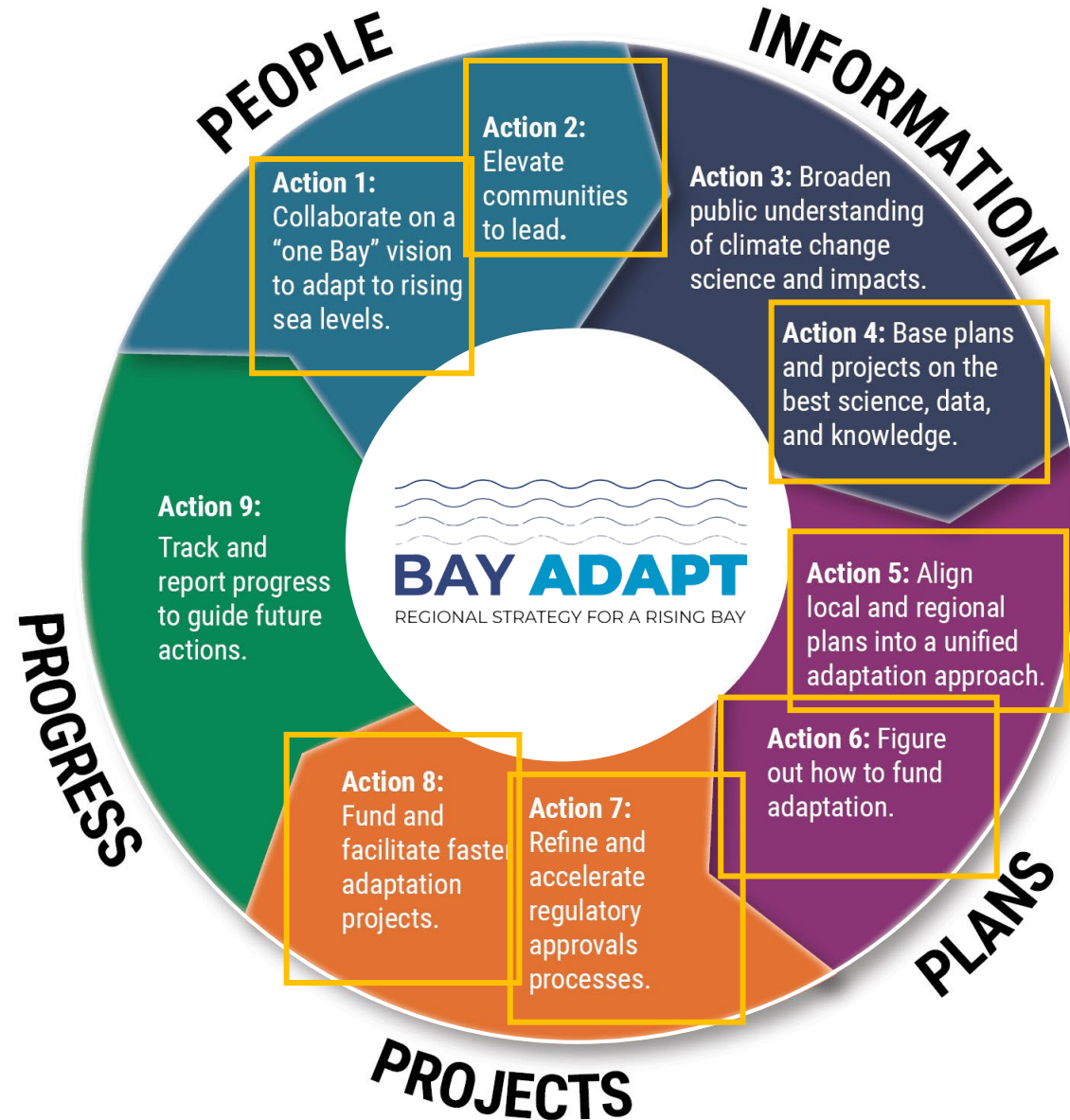
Why this matters

We've never done this before!

- 1. Introducing a Coordinated Regional Strategy to Fund and Deliver Projects**
- 2. Outlining Roles and Responsibilities Across Functional Areas to Achieve Shared Goal**

Advancing Bay Adapt Joint Platform

- Regional Shoreline Adaptation Plan
- Implementation Coordinating Group
- “Backbone support”



BCDC's Strategic Plan

- **Goal 1:** Lead regional planning efforts that result in successful and equitable adaptation, restoration, development, and public access projects for the Bay Area in light of rising sea levels.
- **Goal 2:** Improve BCDC's regulatory and planning functions to create a more unified and consistent regional-scale approach to managing the Bay and its shoreline in light of the uncertain future caused by rising sea levels.
- **Goal 3:** Implement equity initiatives and practices throughout BCDC's policies, programs, and processes.

Next Steps

- **May / June:** Review and approval by each agency
- **July:** BARC Governing Board approval
- **July+:** Work Plan Implementation

Staff Recommendation

Authorize the Executive Director to enter into a Memorandum of Understanding (MOU) among BCDC and the member agencies of the Bay Area Regional Collaborative (BARC) to coordinate efforts to address the threats of flooding and sea level rise in the San Francisco Bay Area.