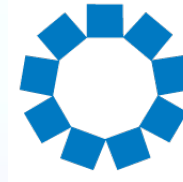


Interagency Flooding & Sea Level Rise Memorandum of Understanding



**METROPOLITAN
TRANSPORTATION
COMMISSION**



**ASSOCIATION
OF BAY AREA
GOVERNMENTS**



**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**



**MTC Planning Committee
ABAG Administrative Committee
June 14, 2024**



Adaptation Needs

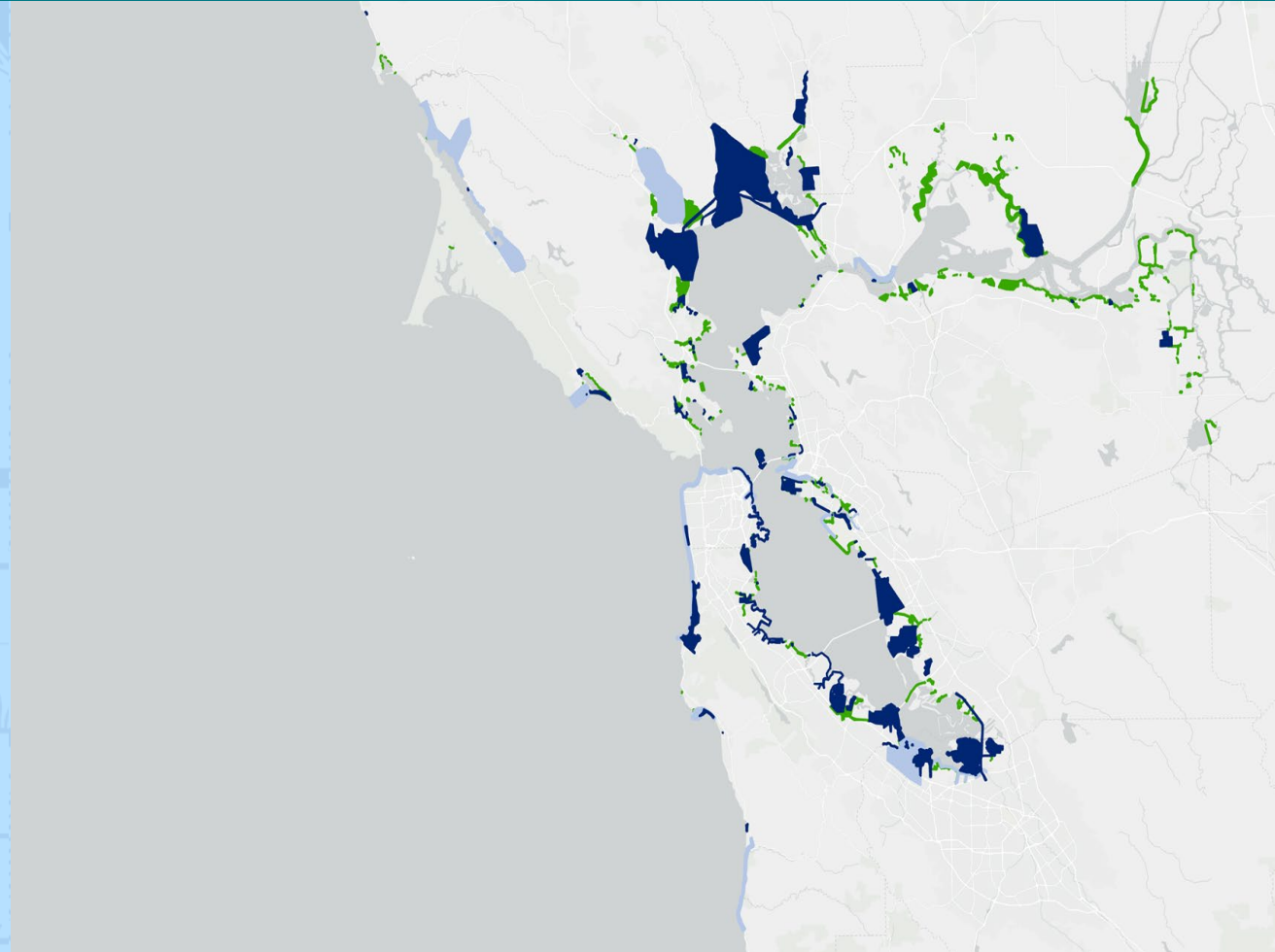
- What is the regional estimate to fund adaptation?

\$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



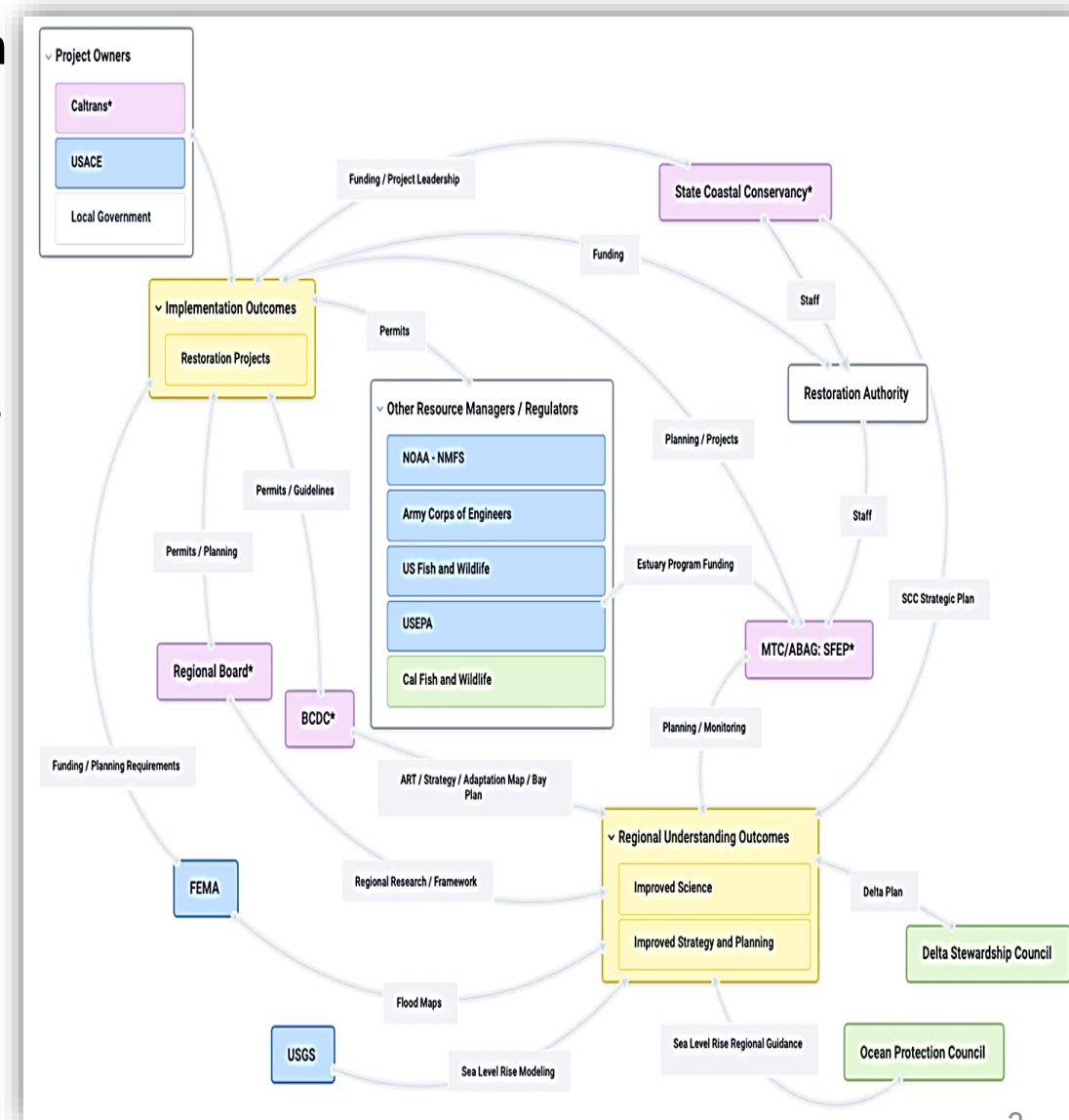
***The estimate includes:** Assumed “protect in place” adaptation action for all vulnerable shoreline, including low density areas and agricultural land. Assumed areas vulnerable to up to 4.9 feet of inundation are protected

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.

Creating Clarity in Complexity

Wealth of agencies collaborating in an informal system of programs, policies, planning, funding and regulatory activities to support Nature Based Strategies

- No agencies similarly engaged to support grey or hybrid infrastructure where its needed.
- An array of project types along the Bay shoreline are needed to manage sea level rise, from green to grey and hybrid.
- Opportunity to create a regional-scale enabling environment for advancing best projects along the entire shoreline. Planning + Regulatory + Funding
- Greater clarity on roles & responsibilities of different agencies will help position Bay Area for major Federal and State Funding.



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

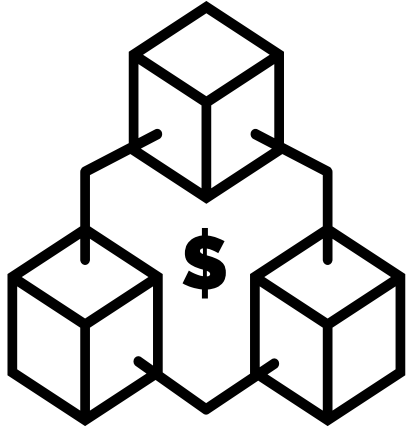
At a regional level, establish or designate a governance structure to develop and implement the Revenue Generation and Distribution Plan and allocate funding. This entity or structure should have the following qualities:

- 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



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*

Icon credit: TheNounProject, Pixelz Studio

At A Glance: Organizational Roles and Responsibilities

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

 **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**

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 among the Metropolitan Transportation Commission; the Association of Bay Area Governments, also host of San Francisco Estuary Partnership; the Bay Area Air Quality Management District; the Bay Area Regional Collaborative; the California State Coastal Conservancy; the California Department of Transportation District 4; the San Francisco Bay Conservation and Development Commission, and the California Regional Water Quality Control Board San Francisco Bay Region to coordinate efforts to address the threats of flooding and sea level rise in the San Francisco Bay Area

barc.ca.gov

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