

# WORK PLAN

# Flooding & Sea Level Rise MOU

BARC Governing Board. November 15, 2024

## Presenters:

- Allison Brooks, Bay Area Regional Collaborative
- Jessica Fain, Bay Conservation and Development Commission
- Amy Hutzel, State Coastal Conservancy
- Josh Bradt, Bay Area Regional Collaborative



ASSOCIATION  
OF BAY AREA  
GOVERNMENTS



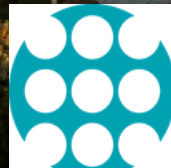
Water Boards



Coastal  
Conservancy



METROPOLITAN  
TRANSPORTATION  
COMMISSION



Bay Area  
Regional  
Collaborative



Caltrans  
Bay Area



BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT

# 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*

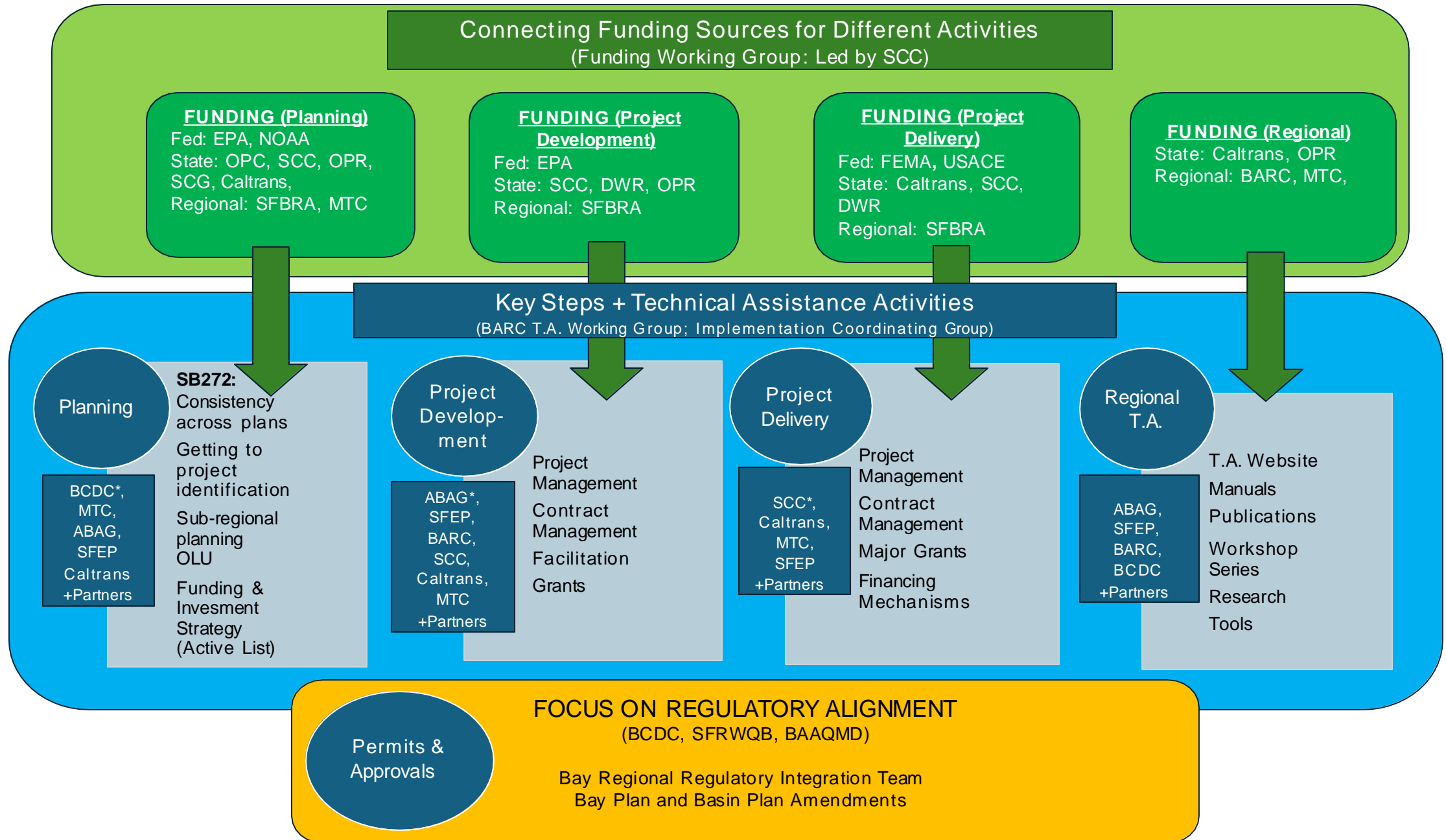
	ABAG/ SFEP	BAAQMD	BARC	BCDC	Caltrans D4	MTC	SCC	Water Board
<b>Fund Management</b>								
<b>Planning</b>								
<b>Technical Assistance</b>								
<b>Regulatory Alignment</b>								
<b>Coordination</b>								

Prime

Responsible

Involved

# INTERAGENCY FLOODING & SEA LEVEL RISE COORDINATED WORK PROGRAM



# PLANNING

- 1. *Establish a Regional Shoreline Adaptation Plan, including guidelines for local governments, by the end of 2024 (BCDC)***
- 2. *Create a Sea Level Rise Funding and Investment Strategy by 2026 (BCDC, with MTC/ABAG)***
- 3. *Maintain an inventory of sea level rise projects and plan to track the Investment Strategy (BCDC)***

# What is the Regional Shoreline Adaptation Plan? (RSAP)

A region-wide plan for the Bay shoreline that guides the creation of coordinated, locally-planned sea level rise adaptation actions that work together to meet regional goals. It contains:

- ✓ One Bay Vision
- ✓ Strategic Regional Priorities
- ✓ Guidelines for Subregional Shoreline Adaptation Plans (SB 272)

## Regional Shoreline Adaptation Plan:

One Bay Vision,  
Strategic Regional Priorities,  
and Subregional Shoreline  
Adaptation Plan Guidelines  
*Draft for Public Comment*  
*(September 2024)*



San Francisco  
Bay Conservation  
and Development  
Commission (BCDC)



OCEAN  
PROTECTION  
COUNCIL



Coastal  
Conservancy

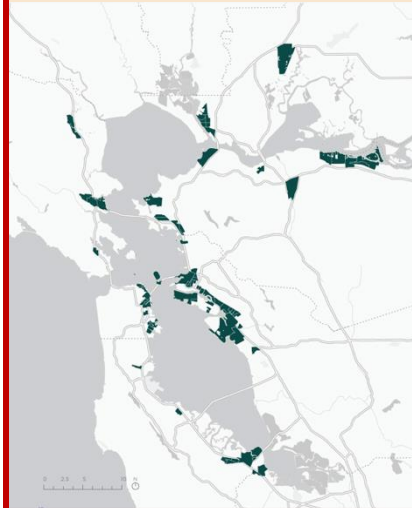


Regional Shoreline  
Adaptation Plan  
An implementing project of BAY ADAPT

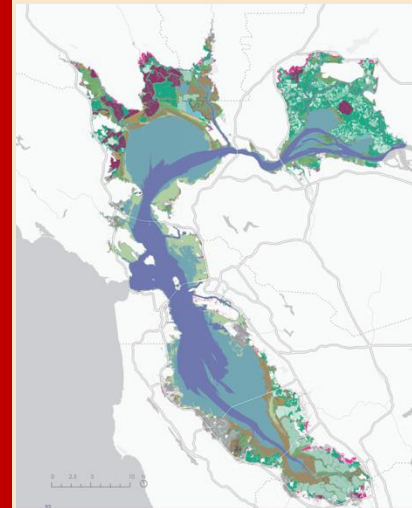


# Strategic Regional Priorities to be solved together

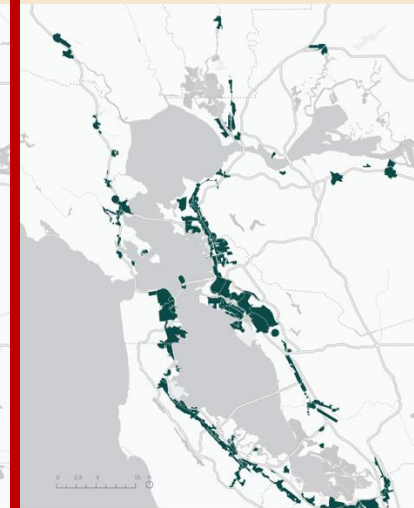
Reduced  
involuntary  
displacement  
risk



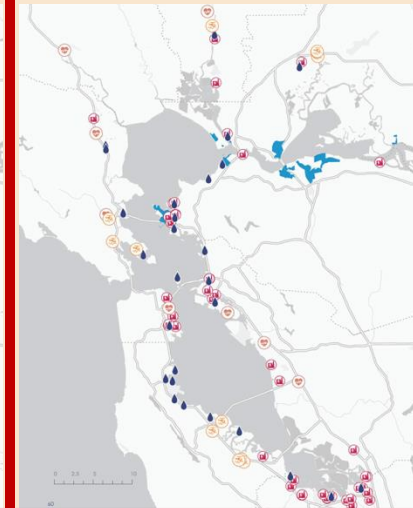
Complete and  
connected  
ecosystems



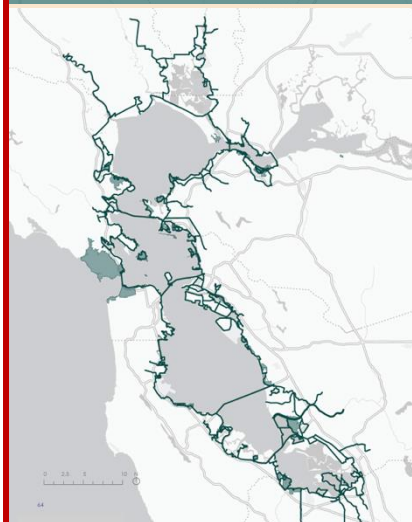
Safe and strategic  
growth and  
density



Reliable critical  
and emergency  
services



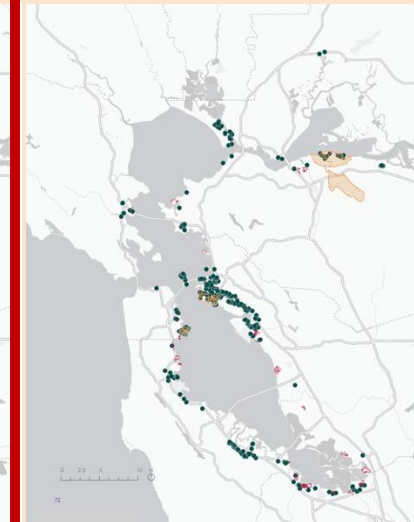
Connected  
regional shoreline  
access



Regional  
movement of  
people and goods



Reduced  
contamination in  
EJ communities



Cross-  
jurisdictional flood  
risk reduction



# Subregional Shoreline Adaptation Plans

- County Plan
- Single Jurisdiction Plan
- Multi-Jurisdictional Plan
- Combo

*Lots of flexibility in how to create plans with and across jurisdictions*

## Counties with BCDC Jurisdiction

## Cities with BCDC Jurisdiction or impacted by near-term coastal hazards

Alameda	Alameda Albany Berkeley Emeryville Fremont	Hayward Newark Oakland San Leandro Union City
Contra Costa	Concord* El Cerrito* Hercules Martinez	Pinole Pittsburg* Pleasant Hill* Richmond
Marin	Belvedere Corte Madera Larkspur Mill Valley Novato	Ross* San Rafael Sausalito Tiburon
Napa	American Canyon*	Napa*
San Francisco	San Francisco	
San Mateo	Belmont Brisbane Burlingame East Palo Alto Foster City Menlo Park	Millbrae Redwood City San Bruno San Carlos San Mateo South San Francisco
Santa Clara	Milpitas Mountain View Palo Alto	San Jose Santa Clara* Sunnyvale
Solano	Benicia Fairfield*	Suisun City Vallejo
Sonoma	Petaluma	

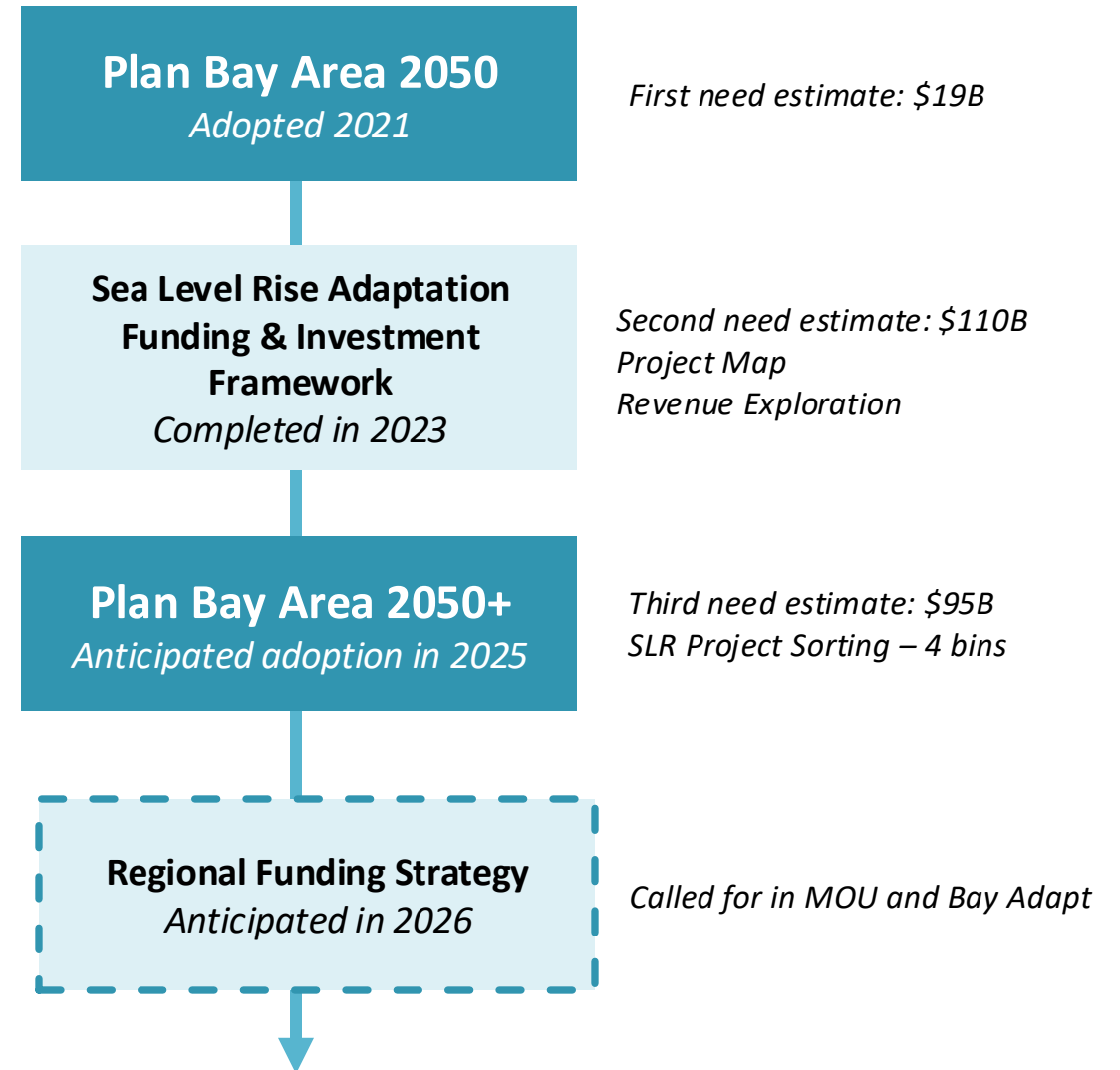
\* Local government not in BCDC's jurisdiction but impacted by near-term coastal flood hazards



# Why a Regional SLR Funding Strategy? Moving From Framework to Strategy

A Regional Funding Strategy can advance sea level rise efforts in several ways:









- **Supporting future advocacy efforts.** Recent analysis identified \$95B in estimated adaptation need, with a significant funding gap. A shorter list of near-term adaptation needs can bring attention to strategic resilience investment needs in the Bay Area.
- **Advancing regional adaptation goals,** such as encouraging multi-benefit solutions and nature-based strategies.
- **Promoting equitable outcomes** in a competitive funding space by taking a strategic, regional view that accounts for different resources and contexts.
- **Provide Bay Area investment priorities to the State,** as called for SB 272 and in the interim.



# Sorted Project List: Using Plan Bay Area 2050+ to Explore Project Sorting

For Plan Bay Area 2050+, staff are sorting resilience projects into bins using **timing** (inundation height) and **project readiness** (planning completed vs. planning needed), leveraging data from local partners.

The **Resilience Project List** will be integrated into the Plan Bay Area 2050+ Final Blueprint action item this winter, spotlighting investments featured and mapped as part of Strategy EN1 (Adapt to Sea Level Rise).

Project Readiness What is the next step for the project/location?	
Implementation \$ Needed <i>(projects developed through local process)</i>	Capacity Building & Planning \$ Needed <i>(currently placeholder projects)</i>
<b>Bin 1A</b>  	<b>Bin 1B</b>  
<b>Bin 2A</b>  	<b>Bin 2B</b>  

<b>Timing</b> When inundation impacts occur.	<b>Nearer-term</b> <i>(projects are needed in the first decades of rise.)</i>
	<b>Longer-term</b> <i>(projects are not needed until higher sea levels)</i>

# What's Next? SLR Investment Strategy

## Identify



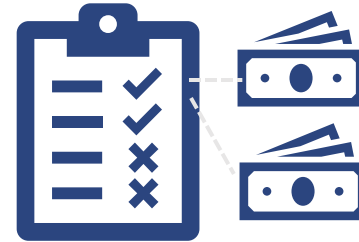
Identify local projects that need funding for design and construction

## Evaluate



Evaluate, analyze, and categorize projects by their attributes

## Prioritize



Prioritize projects & draw connections to existing funding opportunities or seek new funding

## Advance

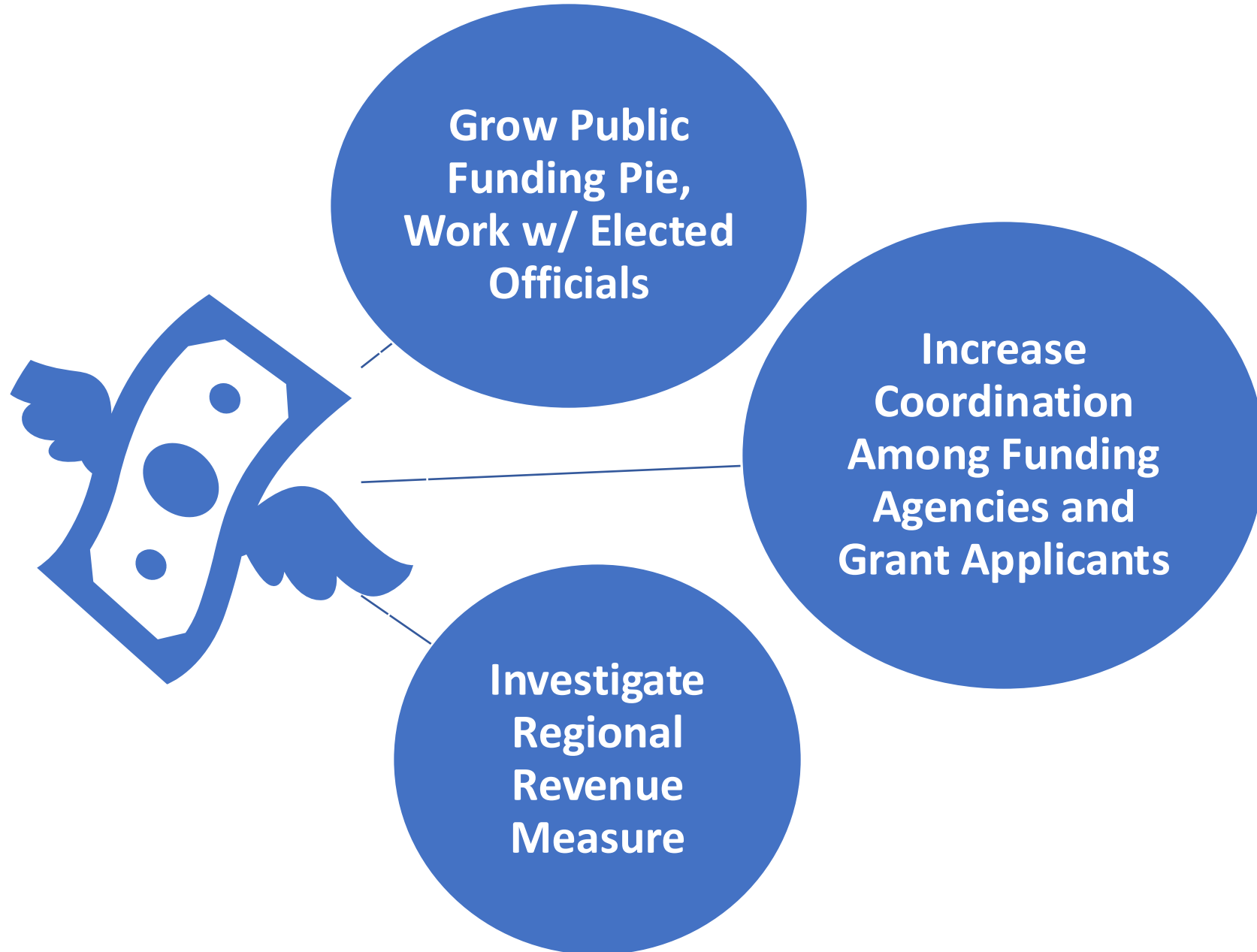


Advance regional funding approaches that accelerate implementation

# FUND MANAGEMENT

- 1. Organize funding proposals; Manage and distribute funds (SCC)***
- 2. Track federal, state, and local grant opportunities; Identify best lead applicants (SCC/BARC)***
- 3. Take lead with funding proposals closely related to agency missions/expertise (e.g. SFEP, MTC/Caltrans +)***
- 4. Develop, manage, determine viability of regional revenue measures (MTC/ABAG +)***

# FUND MANAGEMENT



# FUND MANAGEMENT

## SF Bay Sea Level Rise Funding Group *Co-hosted by SCC and BARC (kick-off Oct. 29)*

### GOALS:

- Collaborate to increase, secure, and distribute public funding to support delivery of equitable, multi-benefit climate adaptation projects at the scale/speed needed to address risks in SF Bay.
- Identify structure and approach to support collaboration in increasing and securing public funding for sea level rise adaptation projects.
  - Coordination among public funders
  - Coordination among project proponents
  - Advocacy for growth of public fund sources

# FUND MANAGEMENT

## Funding Group Participants

### CO-HOSTS

Amy Hutzler, State Coastal Conservancy

Allison Brooks, BARC

### FEDERAL AGENCIES

US Army Corps of Engineers

NOAA

US EPA

### STATE AGENCIES

BCDC

Caltrans

CA Office of Emergency Services

Ocean Protection Council

Wildlife Conservation Board

### REGIONAL ORGS/SPECIAL DISTRICTS

One Shoreline

Port of SF

SF Estuary Partnership

SF Bay Regional Water Board

Valley Water

SF Bay Joint Venture

East Bay Regional Park District

### NONPROFITS/CBO's

Bay Area Council

BAYCAN

Together Bay Area

Ducks Unlimited

Greenbelt Alliance

Climate Resilient Communities (CRC)

Save The Bay

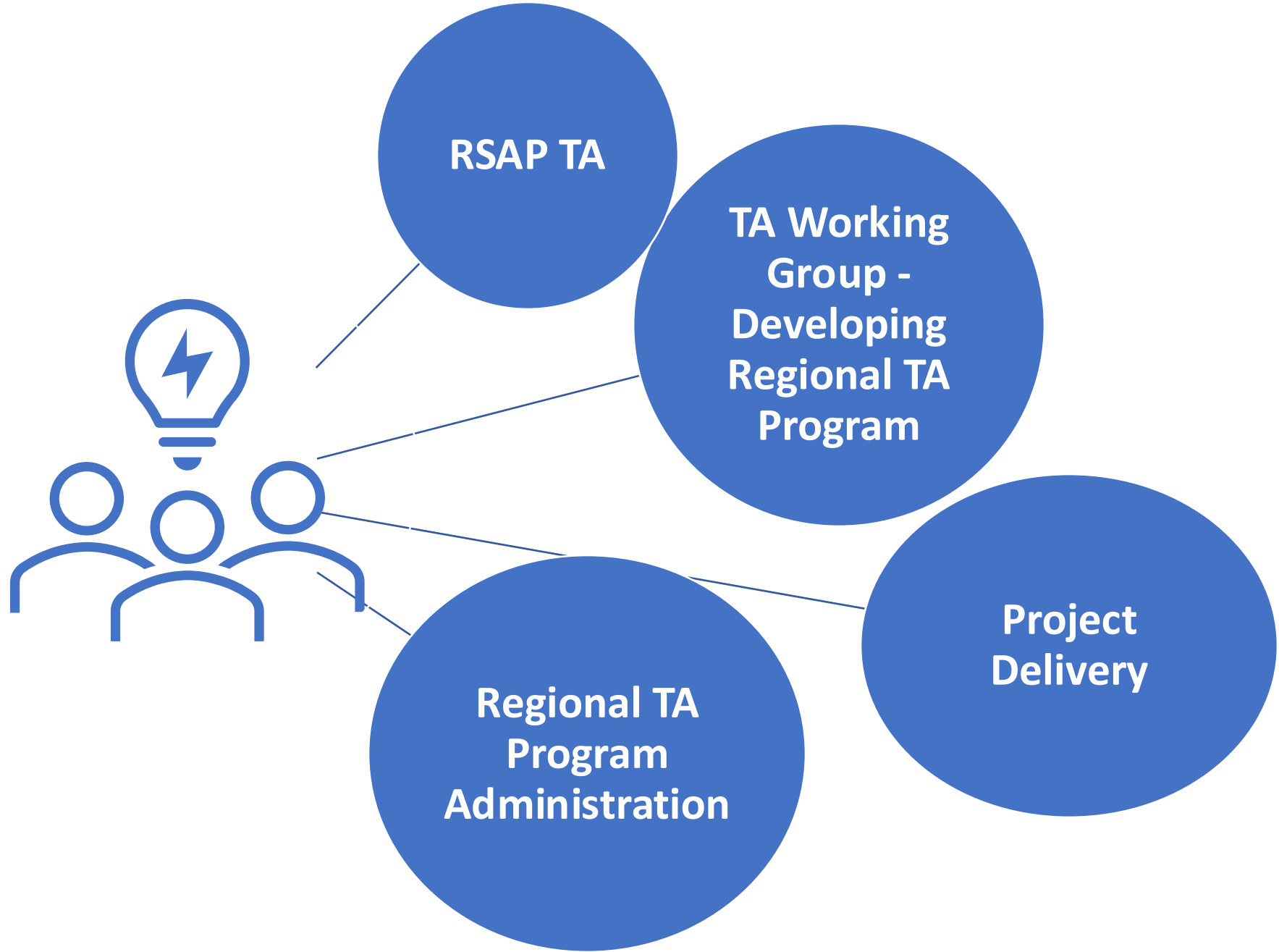
San Francisco Estuary Institute

# TECHNICAL ASSISTANCE

- 1. Facilitate staff-level TA Working Group to support TA Program Development (BARC)***
- 2. Subregional Regional Shoreline Adaptation Plans (BCDC)***
- 3. Support project management & delivery (SCC, Caltrans, MTC, and SFEP)***
- 4. Administer and lead Regional TA Program Development—dependent on funding (ABAG)***



# TECHNICAL ASSISTANCE



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## Web Portal

Making information available online

## Consultations/ Help Desk

Ability to have one-on-one conversations with expert staff

## Trainings/ Workshops

Providing trainings or webinars for different topics

## Capacity Building

Helping to expand local expertise and funding

## Direct Engagement

Embedding staff to participate in project development and/or delivery

## Materials

Developing templates and/or resource guides

## Convening

Supporting convening and/or facilitation of multi-jurisdictional efforts



Technical Assistance Options (from least hands-on to most hands-on)

# REGULATORY ALIGNMENT

- 1. Work collaboratively, with other key regulators and regulatory coordination bodies, and with the regulated community to:***
  - identify potential revisions to regulations and policies to facilitate multi-benefit climate adaptation project delivery (BAAQMD, BCDC, Water Board)***

# COORDINATION

***1. On-going meeting bodies positioned to serve as venues for collaboration:***

- Governing Board (BARC)***
- Executive Leaders Management Team (BARC)***
- Cross Agency Working Group (BARC)***
- Bay Adapt Implementation Coordinating Group (BCDC)***

# COORDINATION



The Bay Adapt Implementation Coordinating Group (ICG) is a leadership advisory, accountability, and convening body, led by BCDC.

## Co-Chairs:

Michael McCormick, Farallon Strategies

Violet Wulf-Saena, Climate Resilient Communities

Andrew Fremier, MTC/ABAG

Julio Garcia, Rise South City

Larry Goldzband, BDC

## Members:

Tessa Beach, US Army Corps of Engineers

John Bourgeois, Valley Water

Allison Brooks, BARC

Omar Carrera, Canal Alliance

Warner Chabot, SFEI

Cameron Carr, Bay Planning Coalition

Gita Dev, Sierra Club

Dina El-Tawansy, Caltrans

Selena Feliciano, SF Consulting Co.

Amy Hutzler, CA Coastal Conservancy

David Lewis, Save the Bay

Mark Lubell, UC Davis

Len Materman, One Shoreline

Susan Schwartzenberg, Exploratorium

Becky Smythe, NOAA

Caitlin Sweeney, SF Estuary Partnership

Luisa Valiela, USEPA

Eileen White, SF Bay Regional Water Board

Jim Wunderman, Bay Area Council

# MEASUREMENTS OF SUCCESS FOR MOU

## *Under Construction*

### **PLANNING**

- Number of sub-regional RSAP plans submitted and approved
- Volume 1 of Investment Strategy completed and informing grant proposal matchmaking

### **FUNDING**

- Number of Grant applications submitted, awarded, and total amounts to Bay Area
- # and % of grants awarded to Equity Priority Areas

### **REGULATORY**

- To Be Determined

### **COORDINATION**

- Clear priorities established and work program developed across coordinating bodies

**Thank You!**

**Questions?**

**[barc.ca.gov](http://barc.ca.gov)**

**Allison Brooks, Executive Director**

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