



BRIEFING

Plan Bay Area 2050+ Resilience Project List & Sea Level Rise Adaptation Investment Strategy



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May 15, 2025 Commission Meeting

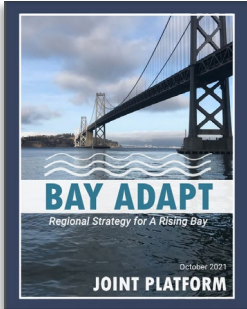
Regional Sea Level Rise Adaptation Planning

BCDC & MTC/ABAG Initiatives



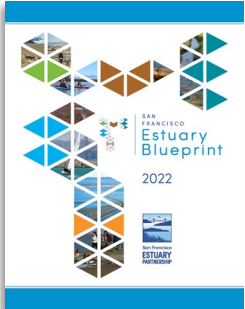
2020
ART Bay Area

SAPMap Created
2021



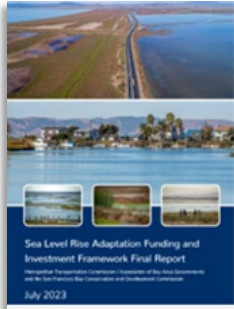
2021
Bay Adapt Joint Platform

Plan Bay Area 2050
2021



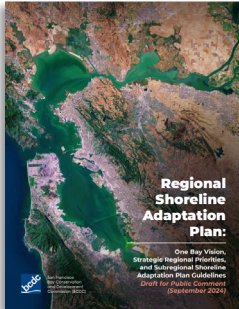
2022
Estuary Blueprint

SB 272 passes
2023



2023
SLR Funding & Investment Framework

Interagency SLR MOU
2024



2024
Regional Shoreline Adaptation Plan & Guidelines

Resilience Project List
2025

BPA 24-01 calls for the investment Strategy

We are here

Plan Bay Area 2050+
2026



Fourth Iteration of an Integrated Regional Plan

MTC/ABAG are developing the fourth iteration of an integrated Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS) since the adoption of SB 375 (Steinberg, CA Statutes of 2008).



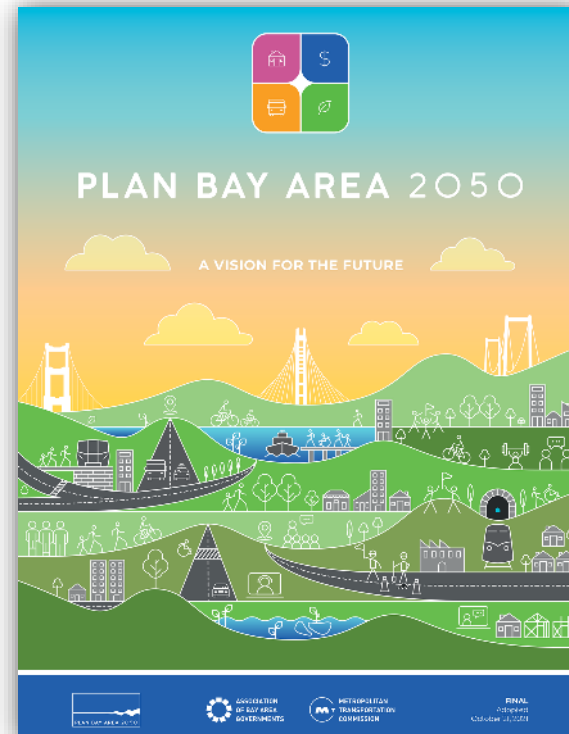
PLAN BAY AREA

Adopted: 2013



PLAN BAY AREA 2040

Adopted: 2017



PLAN BAY AREA 2050

Adopted: 2021



PLAN BAY AREA 2050+

Anticipated Adoption:
Early 2026

Plan Bay Area Vision, Guiding Principles, and Elements

VISION & GUIDING PRINCIPLES

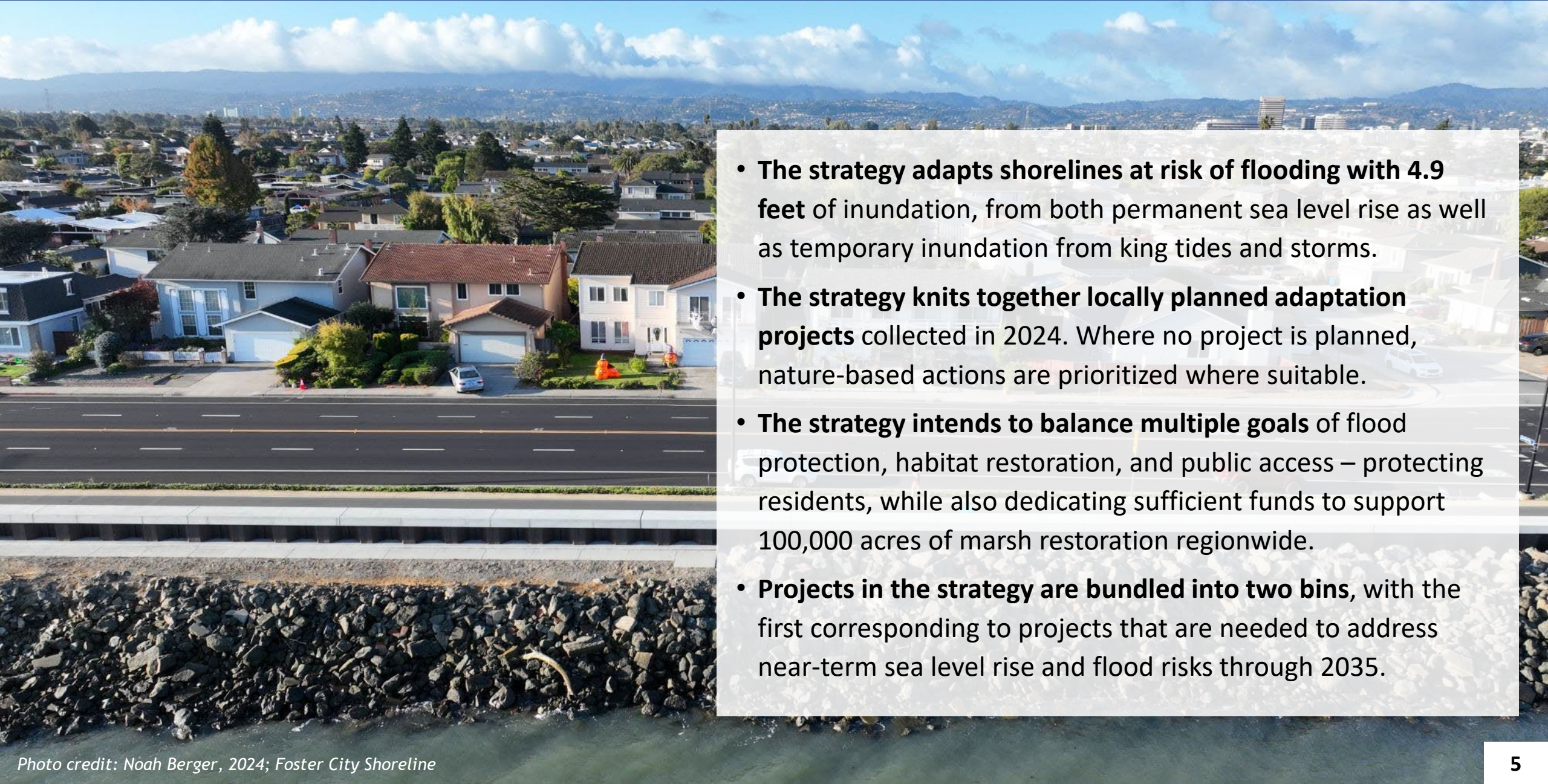
*Ensure by the year 2050 that the Bay Area is **affordable**, **connected**, **diverse**, **healthy** and **vibrant** for all.*

FOUR ELEMENTS OF THE PLAN



- **Transportation** Strategies
- **Housing** Geographies & Strategies
- **Economic** Geographies & Strategies
- **Environmental** Strategies
 - **Strategy EN1: Adapt to Sea Level Rise**

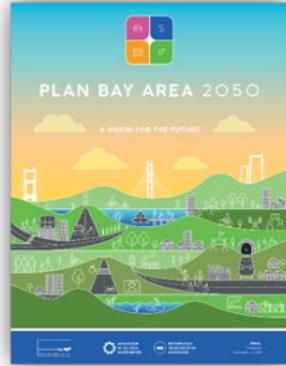
Strategy EN1: Adapt to Sea Level Rise



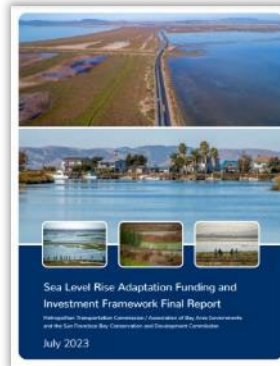
- **The strategy adapts shorelines at risk of flooding with 4.9 feet** of inundation, from both permanent sea level rise as well as temporary inundation from king tides and storms.
- **The strategy knits together locally planned adaptation projects** collected in 2024. Where no project is planned, nature-based actions are prioritized where suitable.
- **The strategy intends to balance multiple goals** of flood protection, habitat restoration, and public access – protecting residents, while also dedicating sufficient funds to support 100,000 acres of marsh restoration regionwide.
- **Projects in the strategy are bundled into two bins**, with the first corresponding to projects that are needed to address near-term sea level rise and flood risks through 2035.

Incorporating Sea Level Rise into Plan Bay Area

Since 2019, MTC/ABAG in partnership with BCDC has worked to estimate what it would take to adapt the region to sea level rise to bring greater context to this regional challenge.



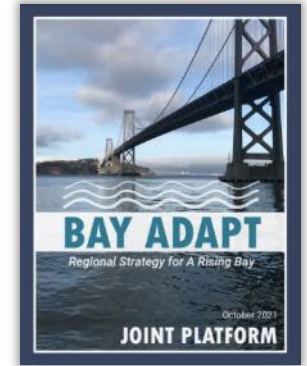
Plan Bay Area 2050
2019-2021



**SLR Adaptation
Funding & Investment
Framework**
2023



Plan Bay Area 2050+
In progress - 2026



**SAPMAP & Investment
Strategy**
Upcoming

Regional Need Estimate	1 st iteration, \$19B, 2' of rise.	2 nd iteration, \$110B, 4.9' of rise.	3 rd iteration, \$96B, 4.9' of rise.	BCDC and MTC/ABAG will build on this work in the upcoming Investment Strategy.
Project Inventory	-	1 st iteration, 600+ projects	2 nd iteration, 400+ projects <i>Organized into 4 categories in a Resilience Project List</i>	

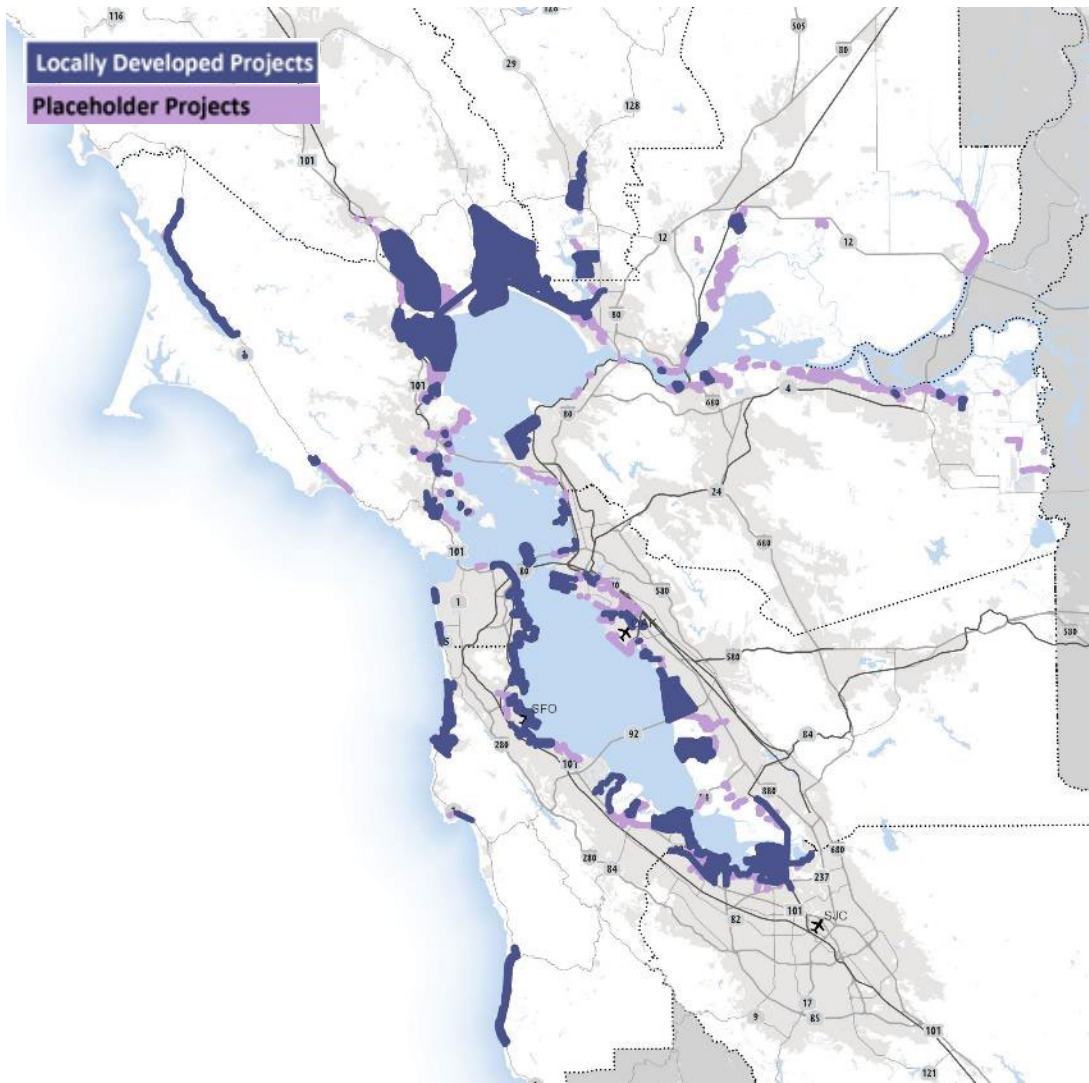
Summarizing the Sea Level Rise Resilience Project List

Plan Bay Area 2050+ is the first time resilience projects have been elevated into a more formal project list.

Sea Level Rise Resilience Project Needs Estimate	
\$15 Billion 130+ projects	Bin 1 2025-2035 Projects in locations that flood with 1-foot of rise.
\$81 Billion 280+ projects	Bin 2 2036-2050 Projects in locations that flood with 4.9-feet of rise.
\$96 Billion 410+ projects	Total
Sea Level Rise Resilience Revenue Estimate	
\$6 Billion	Total

Note: Dollar values are in year of expenditure.

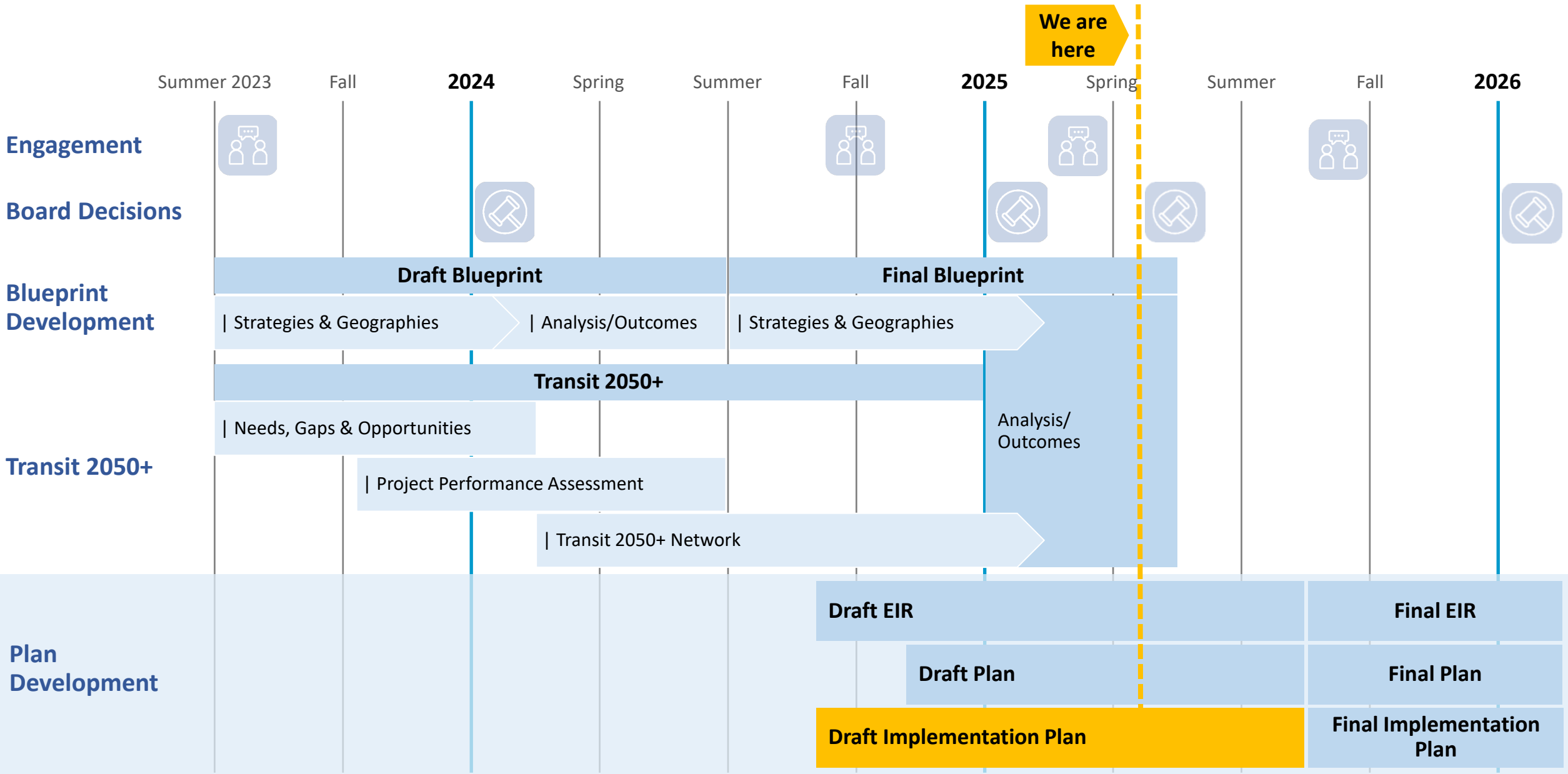
The full Resilience Project List is available on the Plan Bay Area website:
<https://www.onebayarea.org/digital-library/9aviii-24-1550-attachment-g-resilience-project-listpdf>



ASSOCIATION OF BAY AREA GOVERNMENTS
METROPOLITAN TRANSPORTATION COMMISSION



Plan Bay Area 2050+: Schedule



* Dates are tentative and subject to change

Developing the Plan Bay Area 2050+ Implementation Plan



The Implementation Plan works to identify the near-term steps necessary to accelerate this long-range plan.

It focuses on concrete actions that MTC and ABAG can advance, in partnership with others, in the next five years for each of the 35 strategies.

None of the plan's strategies can be implemented by MTC and ABAG alone. Continued engagement with partners, policymakers and the public is needed to tackle shared challenges through 2030 and beyond.



The San Francisco Bay Sea Level Rise Investment Strategy

A tool to advance funding goals for the region.

From SB 272 and RSAP to The Investment Strategy

SB 272

- Sets expectations for the development of subregional shoreline adaptation plans
- Some state funding is prioritized on the basis of subregional plans constituency with guidelines developed by BCDC
- **The Investment Strategy will be the tool to identify projects found in consistent sub-regional adaptation plans.**

RSAP

- Lays out guidelines and expectations for subregional plans
- Includes regional priorities for adaptation:
 - One Bay Vision
 - Regional strategic priorities



Investment Strategy Key Goals

Evaluate

Evaluate key aspects of each project according to regionally identified priorities.

Strategize

Prioritize projects and draw connections to existing funding opportunities or inform design of new funding.

Advance

Advance regional funding strategies and approaches that accelerate implementation of adaptation priorities.

Maintain

Maintain the Shoreline Adaptation Project Map and develop a long-term strategy to manage adaptation project data that adapts to evolving planning and funding needs.

Key Outputs



A Suite of High-Impact Sea Level Rise Adaptation Projects

What? A central repository highlighting urgent projects that meet regional goals.

Why? Coordinate efforts to respond to funding opportunities.



An Interactive Tool Showcasing Evaluated Projects and Funding Opportunities

What? A tool to explore project attributes and funding opportunities.

Why? Customizable exploration of projects, regional priorities, and funding opportunities.



Easy-to-Understand Communications Products

What? Easily shareable communication tools with project and funding details.

Why? To advocate for priority project funding.



Recommendations for Policymakers

What? Strategies, approaches, and next steps for policy.

Why? Empower decision-makers with critical adaptation project information.

So, what is the “Investment Strategy?”

- A data-driven effort to **coordinate, evaluate, and prioritize** funding for sea level rise adaptation projects.
- Rooted in established **regional priorities** and **funding challenges**.

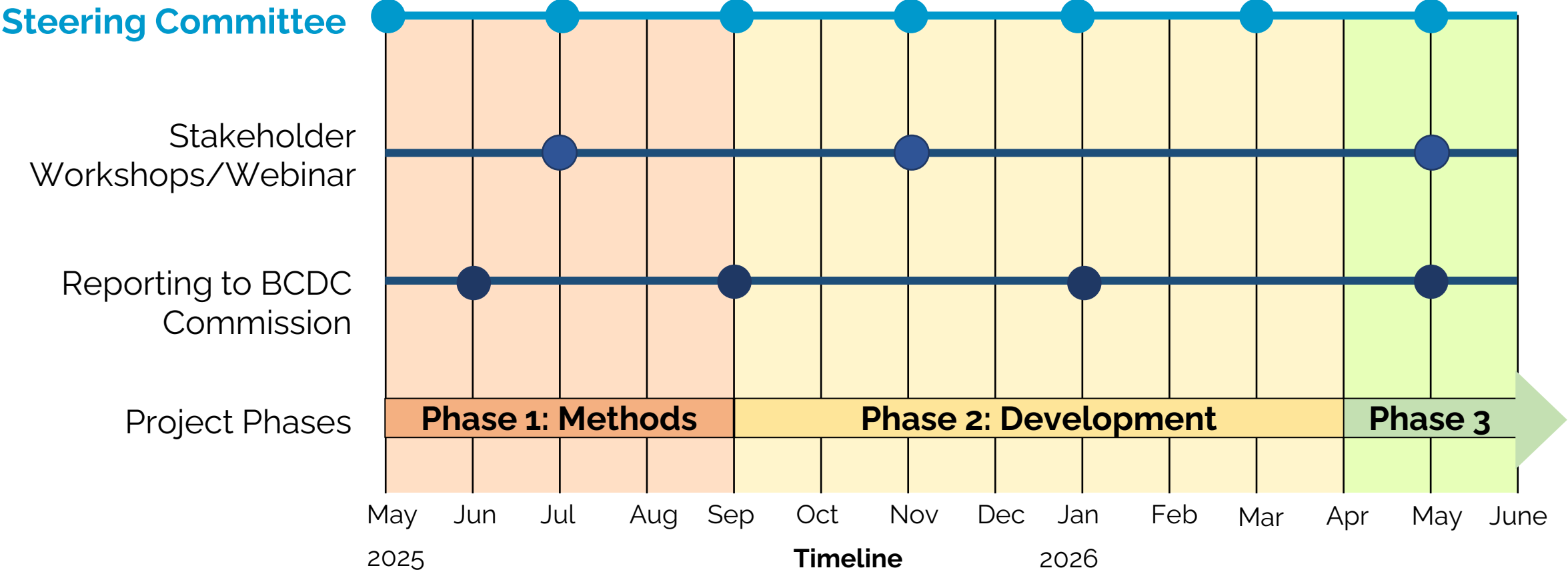
Investment Strategy Scope

- Develop an **achievable** project evaluation and analysis
- **Inventory** and **connect** projects to funding opportunities
- **Advance** regional funding strategies and approaches

Outside of Scope

- Develop a complex hydraulic or environmental models
- Award funding to projects
- Shoreline planning and project development (this should occur within subregional adaptation plans)

Investment Strategy Timeline





Thank you!