



SEDIMENT AND BENEFICIAL REUSE PROJECT BRIEFING & CONSIDERATION OF CONTRACTS

San Francisco Bay Conservation and Development Commission

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NEW SEDIMENT MANAGEMENT POLICIES FOR WETLAND RESTORATION AND CLIMATE CHANGE RESILIENCE IN SAN FRANCISCO BAY

Funding:

- US Environmental Protection Agency
- Ocean Protection Council



Timeline:

January 2023 through December 2025



Partners:

San Francisco Estuary Institute/Aquatic Science Center

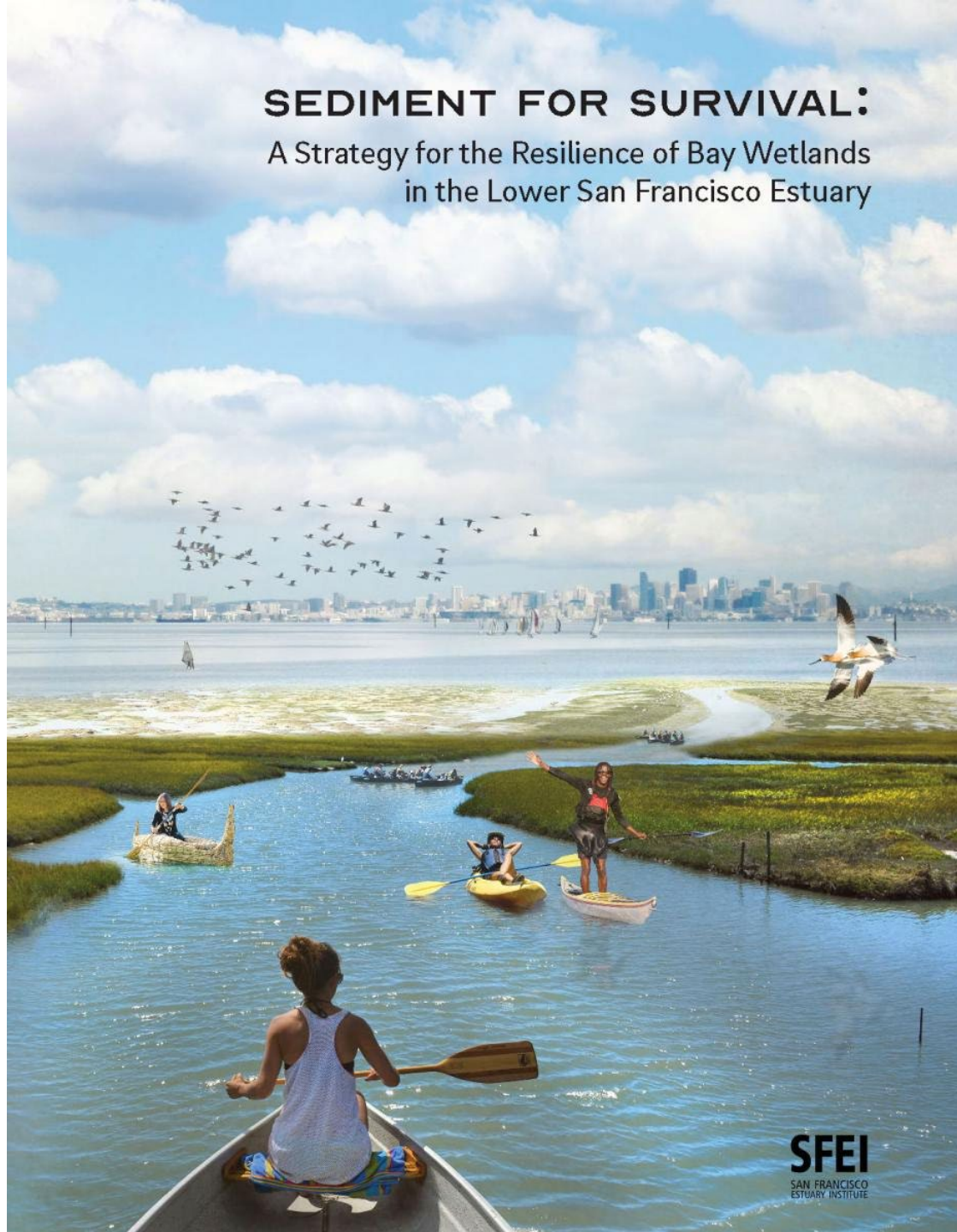
San Francisco Bay Joint Venture/Point Blue

San Francisco Bay Regional Water Quality Control Board



SEDIMENT FOR SURVIVAL:

A Strategy for the Resilience of Bay Wetlands
in the Lower San Francisco Estuary



SFEI
SAN FRANCISCO
ESTUARY INSTITUTE



450 – 650 million metric tons of sediment and soil needed to restore marshes and aid adaptation between now and 2100 -

- Navigation dredging
- Flood protection dredging
- Excess construction soils
- Construction debris
- Reservoir sediment



SEDIMENT MANAGEMENT POLICIES FOR WETLAND RESTORATION AND CLIMATE CHANGE RESILIENCE, SAN FRANCISCO BAY

Stakeholder Process Beneficial Reuse Roadmap

- Outreach to stakeholder groups – flood protection, dredging, restoration, watershed management, environmental justice
- Stakeholder input via a 2 day “results chain analysis
- Beneficial Reuse Roadmap

San Francisco Bay Plan Policy Review & Potential Amendment

- Commissioner Sediment and Beneficial Reuse Working Group
- Bay Plan policy review and background document
- Public outreach
- Proposed Bay Plan Amendment (should Commission initiate based on recommendations)

Beneficial Reuse Financing Strategy

- Financing the Future Working Group
- Interviews of different sectors to identify upfront and hidden costs
- Review financing options
- Develop a recommended financing strategy & present to FtF Working Group

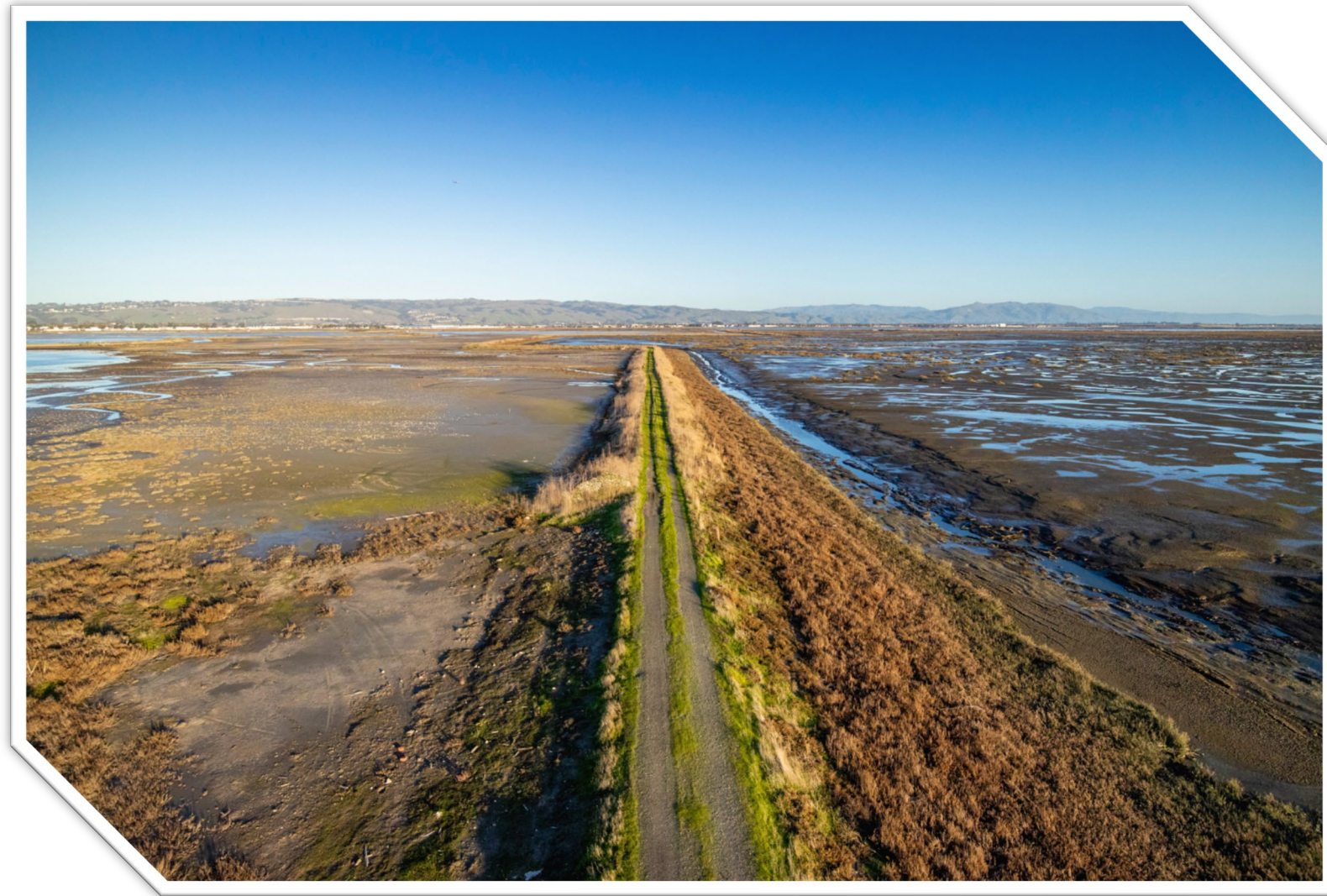
PARTNER ORGANIZATIONS

SFEI/ASC is one of California's premier aquatic and ecosystem science institutes that provides independent science to assess and improve the health of the waters, wetlands, wildlife and landscapes of San Francisco Bay. SFEI/ASC's Resilient Landscape team will be providing sediment science and adaptation expertise and technical support.

SFBJV/Point Blue is a partnership that works to protect, restore, increase, and enhance wetland habitat to the benefit of birds, fish, and other wildlife throughout the San Francisco Bay Region. Its staff focuses on coordination of all wetland restoration projects in the Bay Area, and plays a supporting role in policy advocacy, legislation, funding, and programming for other non-profits, agencies, and organizations in the wetland restoration community. They will be providing restoration planning and implementation expertise as well as stakeholder coordination support.

Questions?

Discussion



Credit: Cris Benton

STAFF RECOMMENDATION

Authorize the Executive Director to:

- Enter into an up to \$30,000 contract with with the San Francisco Estuary Institute/Aquatic Sciences Center to provide the Commission expert scientific advice, document and presentation review, and recommendations based on sediment and adaptation science for improved sediment management from February 17, 2023 (or upon approval) through December 31, 2025.
- Enter into an up to \$9,999 contract with the San Francisco Bay Joint Venture/Point Blue to provide the Commission expert restoration science and practice advice, document and presentation review, and recommendations, as well as stakeholder convening, based on its work with the restoration community February 17, 2023 (or upon approval) through December 31, 2025.
- Amend the contract as necessary, including revising the amount or duration of the agreement, so long as the amendment does not involve substantial changes to the services provided.