

## EXECUTIVE SUMMARY

# Flood and Sea Level Rise Resiliency Agency Proposal

## 21st Century Solutions for One Resilient Shoreline



*"The sea is rising and we are not prepared. It's really time for us to pull together across city boundaries to help our citizens in the battle against rising waters and the rising costs of coping with this global threat.*

*To do that, San Mateo County cities must create a joint agency along with the County to ask for federal help."*

**—Jackie Speier,  
U.S. Congresswoman**



# 1959 to Today

*San Mateo County and its cities have been addressing sea level rise, flooding, coastal erosion, and stormwater retention in a variety of ways*

## ✓ San Mateo County Flood Control District (FCD)

*Formed in 1959; addresses flooding in three county flood zones; oversees a budget of approximately \$3.8 million*

### Colma Creek

Issued bonds to alleviate flooding in South San Francisco

### San Bruno

Improved channels and culverts in lower San Bruno Creek

### San Francisquito

Member of the San Francisquito Creek Joint Powers Authority

## ✓ Independent City Efforts

*Several cities have pursued flood mitigation projects*

### Foster City Levees

Will be improved using recent bond money

### North Shoreview Flood Projects

Will protect the City of San Mateo from storm surges along the bayshore

## ✓ Other County Efforts

*These planning efforts include County and City/County collaborations that have engaged numerous stakeholders*

### Stormwater

(C/CAG)

### SeaChange Vulnerability Assessment

(Office of Sustainability)

### Operational

Landscape Units

(SFEI)

### San Mateo Plain

Groundwater Assessment

(SMC Environmental Health)

## ✓ Flood Resilience Program (FRP)

*A County initiative that addresses flood risks in cross-jurisdictional areas through memorandums of understanding (MOUs)*

### Belmont Creek

Developed a Watershed Management Plan to obtain grants

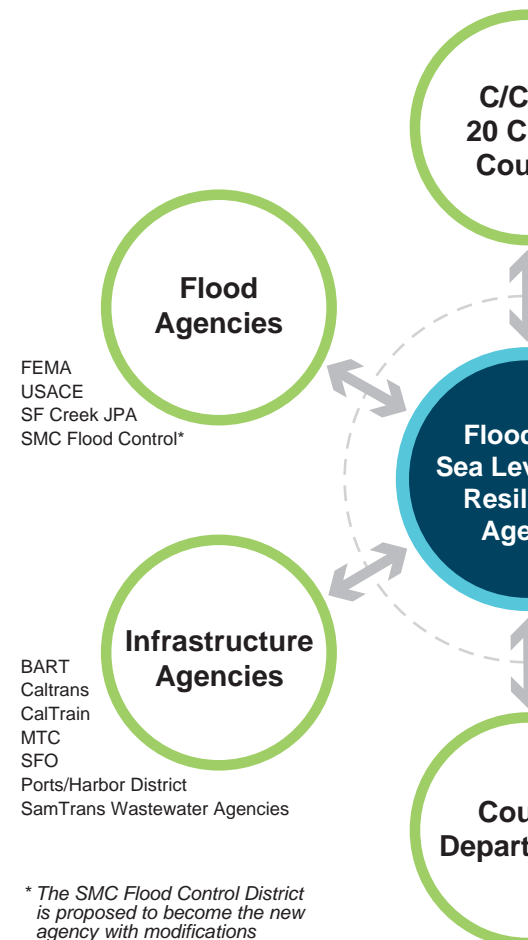
### Navigable Slough

Leveraged existing resources to identify near-term solutions

### Bayfront Canal

Applied for over \$14 million worth of state/federal construction funding

## A Unified Vision One Shoreline



## Continued Success

*Successful FRP efforts will be carried over into the new priority plan*



**Navigable Slough**  
Feasibility Study



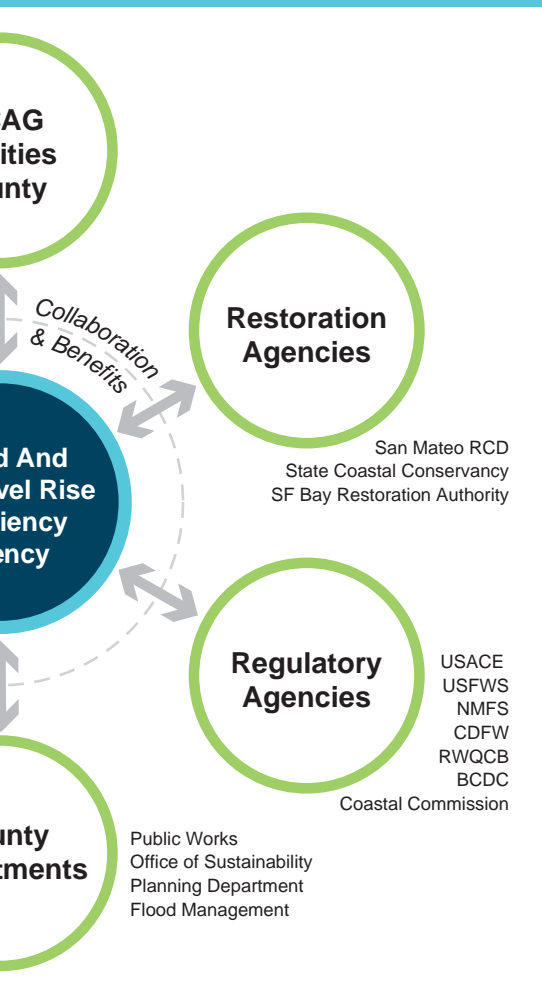
**Belmont Creek**  
Flood Mitigation



# Looking Ahead to 2019-2100

The **Flood and Sea Level Rise Resiliency Agency** will speak with one voice without boundaries across San Mateo County to create a resilient shoreline

## Voice for a One Solution



## Focus on 2100

The agency would develop and implement a plan to prepare San Mateo County's Bayshore and Coastsides for 2100 sea level rise.

## Mission & Vision of the Flood and Sea Level Rise Resiliency Agency



**The Agency's Mission.** The agency would consolidate the work of the SMC Flood Control District and Flood Resiliency Program and initiate new countywide efforts to address sea level rise, flooding, coastal erosion, and large-scale stormwater infrastructure improvements through integrated regional planning, project implementation, and long-term maintenance.



**Create Multi-Jurisdictional Solutions.** The agency would facilitate and monitor existing FRP MOUs, and create new MOUs, addressing cross-jurisdictional issues.



**Leverage State & Federal Funding.** By prioritizing and coordinating projects countywide, the agency would position the County to seek substantial state and federal funding.

## First Priority Actions

**Create the Agency.** The Flood and Sea Level Rise Resiliency Agency would be created by modifying the existing FCD through state legislation. A 7 person board (2 county supervisors, 5 city councilmembers) will govern the agency.

**Priority Plan.** Develop a Flood & Sea Level Rise Resiliency Investment Plan.

**Secure Long-term Funding.** Secure sustainable long term funding for the agency.

**Project Funding.** Pursue state and federal grants for planning and implementation of projects.

**MOU Services.** Continue existing FRP MOUs and create additional MOUs.



**Mont Creek**  
Management Plan



**The Bayfront Canal & Atherton Channel**  
Flood Management and Habitat Restoration Project

# City and Countywide Benefits

## *A vision for 2100: One Resilient Shoreline*

**Project Assistance.** Will plan, permit, design, construct and provide long-term maintenance for projects.

**Funding Access.** Will access and leverage state and federal funds.

**Public Education.** Will educate stakeholders and the public on the need for any potential revenue measures to fund the Agency or implementation of projects.

**Prioritized Multibenefit Projects.** Will ensure that collaborative projects will be coordinated, won't create unintended consequences, and won't duplicate efforts.

**Stormwater Detention Solutions.** Will be implemented from C/CAG's plan for countywide compliance on the Municipal Regional Permit.



## A Resilient Future

*Accomplishing these efforts together will ensure that collectively we build our resilient future*

## Annual Funding

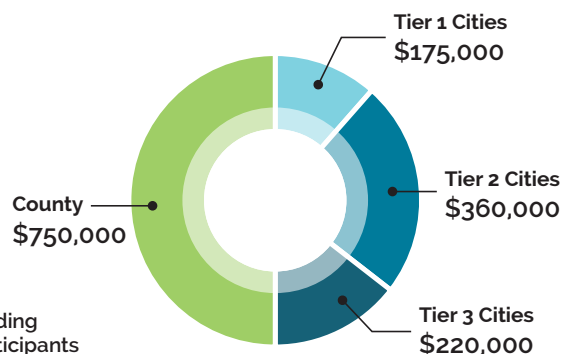
50%  
COUNTY

+

50%  
CITIES  
(BASED ON  
POPULATION)

+

Additional funding  
from MOU participants



**CITY BREAK-DOWN**  
(BASED ON POPULATION)

TIER	POPULATION	COST PER CITY	# OF CITIES
1	0 - 20,000	\$25,000	7
2	20,001 - 60,000	\$40,000	9
3	60,001 +	\$55,000	4

## LONG TERM FUNDING

A primary objective of the agency in the first 3 years, will be to design an Investment Plan in order to establish a source of sustainable funding. The County and the City would make their annual financial contributions for three years following the Agency's formation. During this three year time period the Agency would pursue an alternative and more sustainable long term funding structure. In the event a long term funding structure is not in place within this three year period, and provided the cities and County agree, the annual funding contributions of the County and the cities will be extended for up to an additional two years.

## Contact

Are you ready to leverage our opportunities to create a one shoreline resilient county? Contact **Erika Powell**, San Mateo County, [epowell@smcgov.org](mailto:epowell@smcgov.org), (650) 599-1488

## Financial Benefit of Acting Now to Create a Resilient Shoreline

*Each \$1 spent on  
mitigation saves  
an average of \$6 in  
future disaster costs.*

Natural Hazard Mitigation Saves:  
2017 Interim Report, [www.nibs.org/  
page/mitigationsaves](http://www.nibs.org/page/mitigationsaves)