Diversified funding strategies for two Multi-jurisdictional projects in Silicon Valley

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Approximate number of parcels in the 100-year floodplains:

- **Blue** = Creek floodplain only (3,500 parcels)
- **Green** = Bay floodplain only with 3’ Sea Level Rise (over 2,700 parcels)
- **Red** = Overlap of creek and Bay floodplains (2,200 parcels)
Flooding here is not just a modeled problem
**S.F. Bay-Highway 101 Project**

**Key Features & Benefits**

- **Enhance marsh levee**
- **Degrade Bay levee**
- **New levee set back into golf course**
- **Excavate sediment and create marsh transition zones**

Widen creek channel and create marshland to protect previously flooded people and property from SF Bay to Hwy. 101 against the maximum possible creek flow with freeboard during an extreme tide with 3 feet of Sea Level Rise.

**East Palo Alto**

**Palo Alto**

**Floodwalls**

**Enhance public experience**
SFCJPA’s SF Bay-Hwy. 101 project: Funding Approach

P7, without the “private”

Construction funding ($44.4 million)

- Santa Clara Valley Water District (63.1%)
- SFCJPA (26.8%)
- San Mateo County Flood Control District (4.6%)
- City of East Palo Alto (2.8%)
- City of Menlo Park (1.8%)
- City of Palo Alto (0.9%)
SAFER Bay Project

Protect 5,000 properties & major infrastructure, restore marshes, connect communities through trails

11 miles of shoreline within two counties and three cities

- Remove properties from current & future floodplain/risk
- Utilize marshes for protection in a way that sustains them
- Expand opportunities for recreation and connectivity
- Meet objectives regardless of neighboring action/inaction
- Create partnerships with protected assets
Working on a regional scale to enhance and protect numerous natural and built assets means multiple partners share in the impacts, costs and benefits of protection, restoration and recreation.

*Diversity of benefitting assets dictates diversity of funding sources.*

**Planning and design funding sources (as of April 2017)**
- SFCJPA (CA grants)
- Cities of East Palo Alto & Menlo Park
- S.F. Bay Restoration Authority
- Private sector
- State of CA
- Special tax / assessment district bond
- FAA and USFWS
- Facebook, Inc.
- U.S. Fish & Wildlife Service
- Aggregated flood insurance through private market