



Sonoma County Hazard Mitigation Plan 2026 Update

Kickoff Meeting

November 13, 2024 | 2-3 PM

Thank you for joining! As we wait, please write your name, agency, and role in the chat.



Introductions



Today's Agenda

1. Welcome and Introductions
2. Hazard Mitigation Overview
3. Key Agencies, Partners, and Stakeholders
4. Planning Process Overview
5. Project Schedule
6. Questions/Next Steps





Hazard Mitigation Overview

Mitigation planning happens before a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Sonoma County.

Hazard Mitigation Planning Overview

- Authorized by the Disaster Mitigation Act of 2000
- Provides an overview of the impacts of natural hazards on communities
- Provides a roadmap to reducing the impact of these hazards
- Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding
- 5-year updates required to maintain eligibility



What Is Hazard Mitigation?

Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

-or-

Any action taken to reduce future disaster losses

Emergency management activities take place in a four-phase cycle of preparedness, response, recovery, and mitigation.

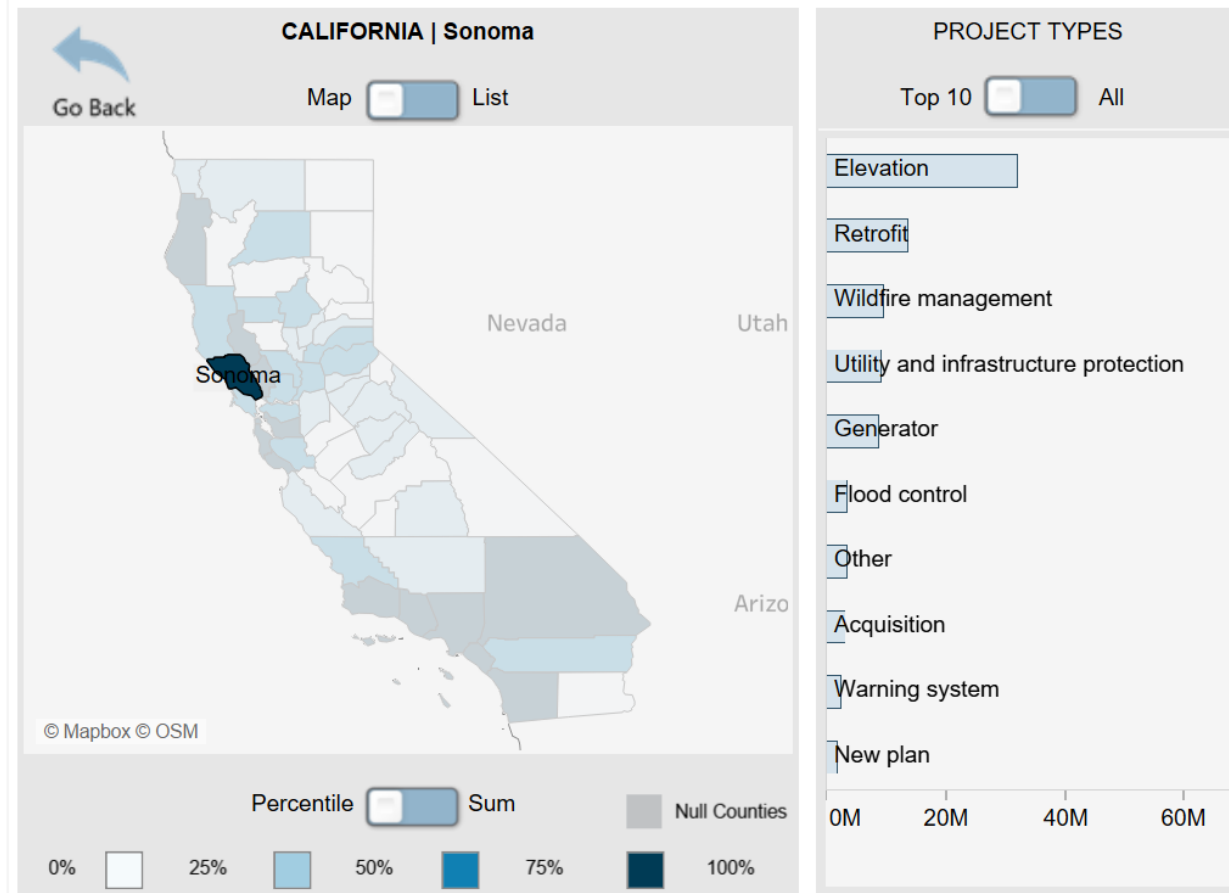
“...provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).



Why Update?

- The mitigation plan update will:
 - Help prepare for and mitigate hazards
 - Eligibility for pre- and post-disaster mitigation funding
 - Since 1993, Sonoma County received **\$90.7 million** from FEMA for mitigation projects
 - Incorporate new FEMA requirements
 - Support CRS participation/rating

\$90.7M FEDERAL SHARE	93 PROJECTS	546 PROPERTIES
\$35.1M NON-FEDERAL SHARE	\$975.6K FEDERAL SHARE PER PROJECT	\$855.6K FEDERAL SHARE PER PROPERTY




Differences from the 2021 Planning Process

 Involvement – engaged and actively participating

 Public and stakeholder outreach

 Community Lifelines and Critical Facilities

 Socially vulnerable and underserved communities

 Climate change

 Mitigation actions for every hazard of concern



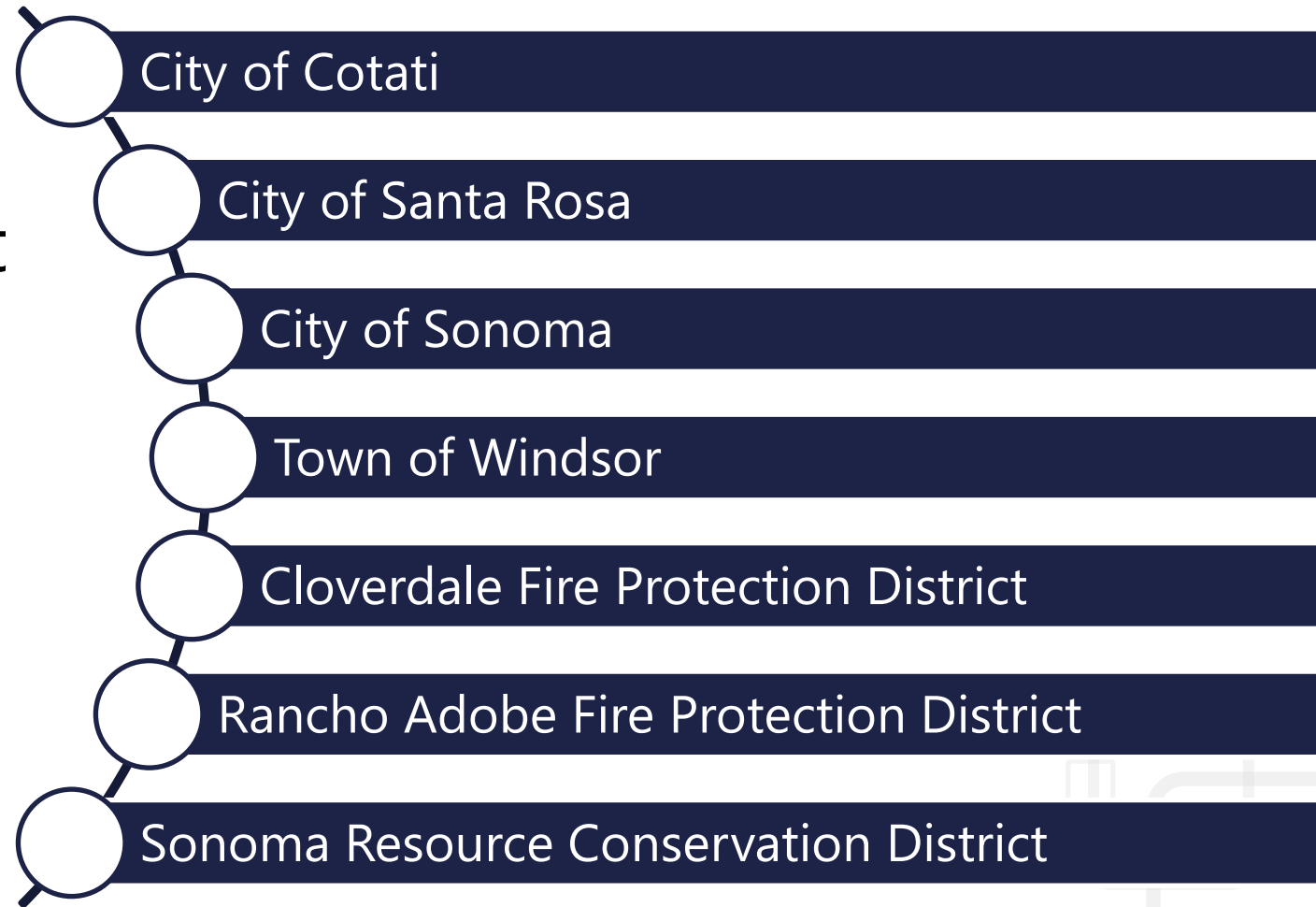


Key Agencies, Partners, and Stakeholders

Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.

Planning Partners

- Jurisdictional Annex
 - Planning Team
 - Capability Assessment
 - Risk Assessment
 - Mitigation Actions
- Worksheets
- Meetings



Jurisdiction Planning Team

- CRS Requirements
- Subject-matter experts
- Know jurisdiction hazard impacts, capabilities
- Participate in surveys, review drafts

Table 3-1. Local Hazard Mitigation Planning Team Members

Name	Title	Name	Title
Neil Bregman	Emergency Preparedness Manager	Mike Enright	Supervising Engineer
Brittany Miller	Deputy Emergency Preparedness Coordinator	Jessie Oswald	Chief Building Official
Paul Lowenthal	Assistant Fire Marshal	Ron Simi	Streets Crew Supervisor
Scott Moon	Division Chief Fire Marshal	Doug Williams	Facilities Maintenance Coordinator
Kemplen Robbins	Assistant Fire Marshal	Marcus Sprague	Police Lieutenant
Megan Basinger	Housing & Community Services Manager	Joe Schiavone	Deputy Director Water & Sewer Operations
Kelley Magnuson	Deputy Director, Recreation	Andy Allen	Supervising Engineer
Kelli Kuykendall	Housing & Community Services Manager	Dominique Blanquie	Risk Manager
Chris Greene	GIS Analyst	Sean McNeil	Deputy Director, Environmental Services
Mike Hargreaves	GIS Analyst	Colin Close	Senior Water Resource Planner
Matt Stull	GIS Coordinator	Ron Marincic	Utility System Superintendent Water
Shari Meads	City Planner	Jason Tibbals	Utility System Superintendent Water
Amy Lyle	Supervising Planner	Kyle Philip	Police Sergeant
Andy Abel	Assistant City Attorney	Jeremy Gundy	Deputy Director, Field Services

Table 14-1. Local Mitigation Planning Team Members

Name	Title
Sheri Emerson	Stewardship Manager, Ag + Open Space
Allison Schichtel	Senior Conservation Planner, Ag + Open Space



Hazard Mitigation Working Group

- Guide development of HMP
- Attend public meetings
- Review and provide feedback on draft HMP update
- Designate primary and alternate participant



Stakeholders

- Must be given opportunity to be involved
 - Local and regional agencies involved in hazard mitigation
 - Agencies with authority to regulate development
 - Neighboring communities
 - Business, academia, and private organizations
 - Nonprofits and community-based organizations
- Local expertise and technical knowledge





Planning Process Overview

A well-defined planning process is essential to the success of Sonoma County's HMP Update.

Planning Process Overview

- Phase 1 Organize Resources
- Phase 2 Risk Assessment
- Phase 3 Outreach Strategy
- Phase 4 Capabilities
- Phase 5 Mitigation Strategy
- Phase 6 Plan Maintenance
- Phase 7 Prepare HMP Update
- Phase 8 Plan Adoption



Phase 1 – Organize Resources



Core Planning Team

*Sonoma County
City of Petaluma
City of Santa Rosa
Tetra Tech*



Planning Partners

Hazard Mitigation Working Group



Stakeholders



FEMA



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES and FEMA



Collect Data

- Collect data
- Inventory assets
- Update critical facility/community lifeline inventory
- Identify socially vulnerable populations and underserved communities



Phase 2 - Risk Assessment

- Review and update list of hazards of concern
- Update hazard profiles
- Complete risk assessment
- Hazard characteristics include:
 - Location
 - Extent
 - Previous Occurrences
 - Future Probability
 - Climate Change
- Community assets include:
 - Population
 - Building Stock
 - Critical Facilities
 - Community Lifelines
 - Economy
 - Future Development
- Where community assets have the potential to be impacted by hazards, risk is created



Hazards of Concern

• 2021 Hazards

- Dam Failure
- Drought
- Earthquake
- Flooding
- Landslide/Mass Movement
- Sea Level Rise
- Severe Weather
- Tsunami
- Wildfire
- Climate Change

• 2026 Proposed Hazards

- Dam Failure
- Drought
- Earthquake
- Extreme Cold
- Extreme Heat
- Extreme Wind/Rain
- Flooding
- Landslide/Mass Movement
- Sea Level Rise
- Tsunami
- Wildfire



Phase 3 – Public Outreach Strategy

- Public Outreach Toolkit
 - Social media templates and posts
 - Press release templates
 - Printable materials
- Surveys
 - Stakeholders
 - Neighboring communities
 - Public
- County Website
- StoryMap



Phase 4 – Capabilities and Integration

- Review existing capabilities and identify how each reduces risk and if it incorporates elements of the HMP
- Describe current and future integration process for the County and each jurisdiction

Regulatory

- Current ordinances that integrate mitigation (e.g., local flood damage prevention ordinance, stormwater management, wetlands protection, etc.).

Operational and Administrative

- County/community boards/departments that integrate mitigation in their current processes and how.

Funding

- Funding sources at the local level that may be used to fund mitigation projects.

Education/Outreach

- Current action the County/community is taking to integrate mitigation in their outreach and notifications to residents.

Adaptive Capacity

- Review the County and municipalities' adaptive capacity to deal with the potential impacts of climate change.



Phase 5 – Mitigation Strategy

- Review 2021 mitigation actions
- Review and update goals/objectives
- Problem statements and potential solutions
 - What specific actions will be taken to reduce hazard risk?
- Develop an action plan
 - How will the actions be prioritized and implemented?
 - One mitigation action for every hazard of concern!



Phase 6 – Plan Maintenance

- Develop a game plan for maintaining the 2026 HMP over the next 5 years
 - How often will you meet to discuss progress on the HMP?
 - How will the County and jurisdictions integrate the HMP?
 - How will you monitor progress on the 2026 mitigation actions?



Phase 7 – Prepare the HMP Update

Volume I	Appendices	Volume II
Table of Contents	Sample Adoption Resolution	Hazard Mitigation Working Group
Executive Summary	Participation Matrix	Jurisdictional Annexes (24)
Introduction	Meeting Documentation	
Planning Process	Public and Stakeholder Outreach	
County Profile	Risk Assessment Information	
Risk Assessment	Mitigation Strategy Support Documentation	
Capability Assessment	Plan Maintenance Tools	
Mitigation Strategy	Critical Facilities	
Plan Maintenance	High Hazard Potential Dam (HHPD)	
Acronyms and Abbreviations		
Glossary		
References		



Phase 8 – Adopt the Plan

- Once Cal OES approves the HMP, the County and each jurisdiction will need to adopt the plan
- Begin plan implementation and integration

HMP 5-year cycle

- Year 1 – Ensure all participants adopt the plan
- Year 2 – Start conducting annual meetings and tracking actions and progress
- Year 3 – Start the process to secure funding for the plan update
- Year 4 – Begin planning process, determine the planning lead and convene planning team
- Year 5 – Finalize risk assessment, develop mitigation strategies and finish writing the plan

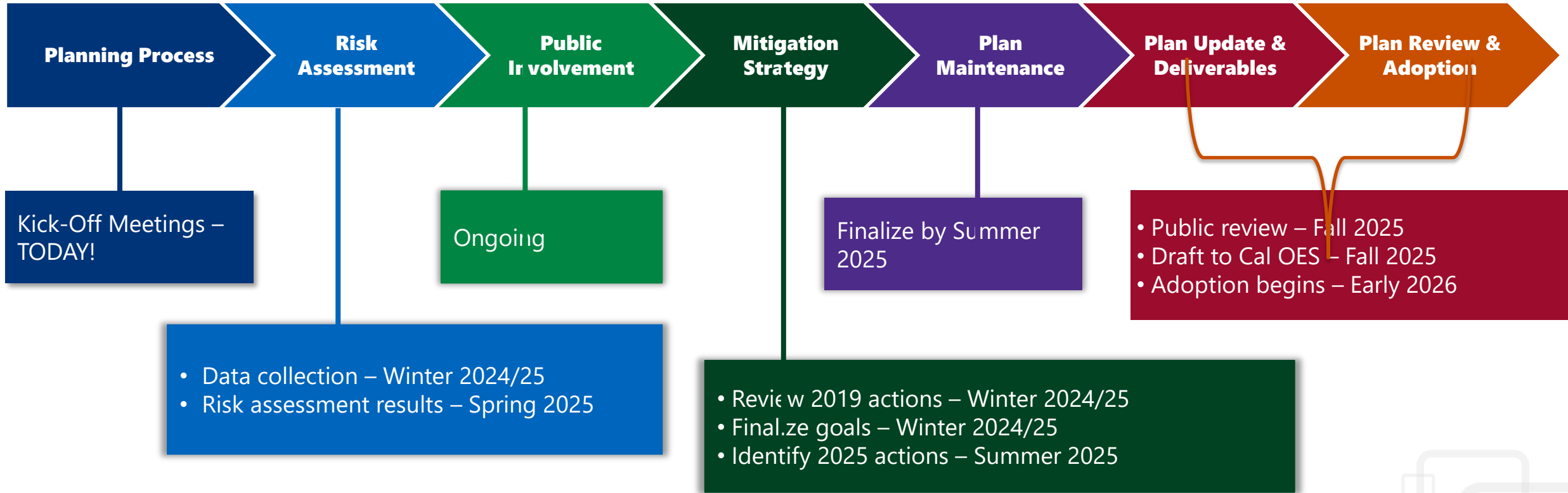




Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

Proposed Schedule





Questions?



Thank you!

Sonoma County Project Contact

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