



# **CENTRAL VALLEY**

## **FLOOD PROTECTION PLAN**

UPDATE 2022

## **Tribal Informational Meeting**

**October 4, 2021**



CALIFORNIA DEPARTMENT OF  
**WATER RESOURCES**

CENTRAL VALLEY FLOOD PROTECTION BOARD





Time	Topic	Presenters
2:00 pm	<b>Welcome &amp; Opening Remarks</b>	<ul style="list-style-type: none"><li>• Anecita Agustinez, DWR Tribal Policy Advisor</li><li>• Steve Rothert, DWR Division Manager</li><li>• Leslie Gallagher, CVFPB Executive Officer</li></ul>
2:15 pm	<b>Introductions</b>	All
2:25 pm	<b>Overview of the CVFPP</b>	Mary Jimenez, DWR
2:35 pm	<b>Review &amp; Collaborative Development of 2022 CVFPP Working Draft</b>	Jason Sidley, DWR All
3:50 pm	<b>Tribal Consultation &amp; Engagement Updates</b>	Lori Price, DWR
4:00 pm	<b>Adjourn</b>	



# Welcome

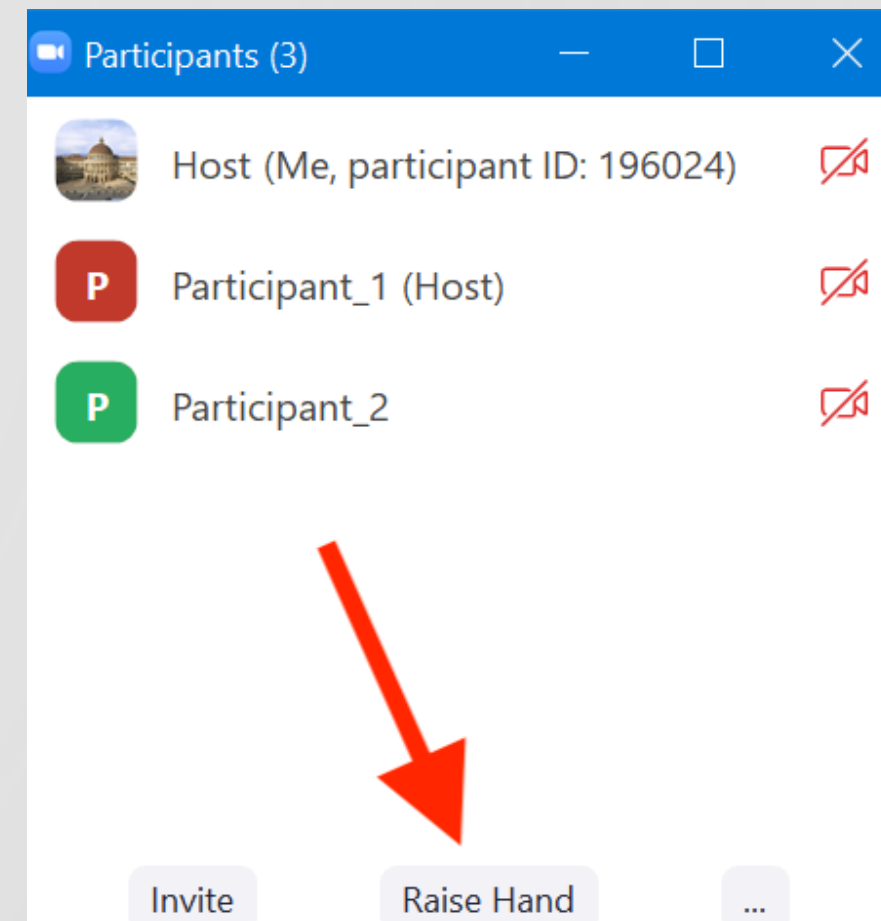
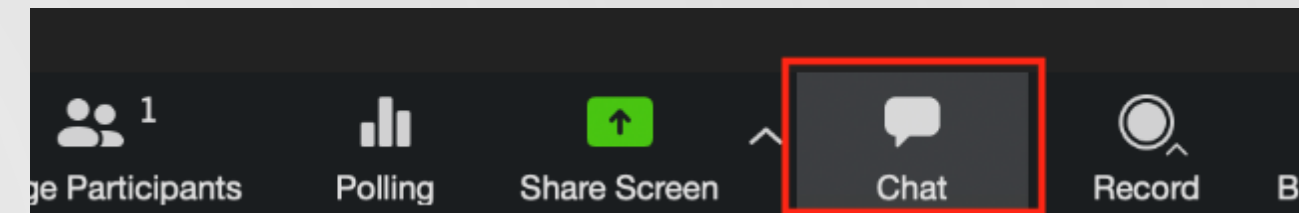
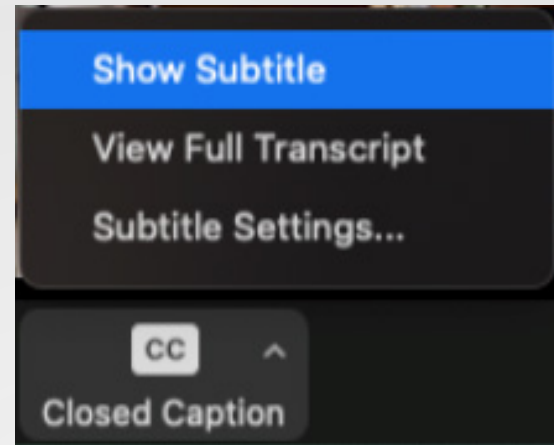
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- Anecita Agustinez, DWR Tribal Policy Advisor
- Opening Remarks
  - Steve Rothert, DWR Division Manager
  - Leslie Gallagher, CVFPB Executive Officer



# Meeting Format and Webinar Guidance

- Meeting will be recorded
- Live captioning is available
- Two ways to ask questions/make comment:
  1. Chat function
  2. Raise hand and speak
- Questions/discussion throughout meeting
- Meeting notes/presentation will be shared





# Tribes in the Sacramento and SJ Basins

- Amah Mutsun Tribal Band
- Berry Creek Rancheria of Maidu Indians
- Big Sandy Rancheria of Western Mono Indians
- Big Valley Rancheria of Pomo Indians
- Buena Vista Rancheria of Me-Wuk Indians
- Calaveras Band of Mi-Wuk Indians
- CA Valley Miwok Tribe (AKA Sheep Rancheria of Me-Wuk Indians of CA)
- CA Valley Miwok Tribe
- Chicken Ranch Rancheria of Me-Wuk Indians
- Cold Springs Rancheria of Mono Indians
- Cachil Dehe Band of Wintun Indians of the Colusa Indian Community
- Colfax-Todds Valley Consolidated Tribe
- Cortina Rancheria-Kletsel Dehe Band of Wintun Indians
- Dumna Wo-Wah Tribal Government
- Dunlap Band of Mono Indians
- Elem Indian Colony Pomo Tribe
- Estom Yumeka Maidu Tribe of the Enterprise Rancheria
- Greenville Rancheria of Maidu Indians
- Grindstone Rancheria of Wintun-Wailaki
- Guidiville Indian Rancheria
- Habematolel Pomo of Upper Lake
- Lone Band of Miwok Indians
- Kings River Choinumni Farm Tribe
- Koi Nation of Northern CA
- KonKow Valley Band of Maidu
- Mechoopda Indian Tribe
- Middletown Rancheria
- Middletown Rancheria of Pomo Indians
- Mishewal-Wappo Tribe of Alexander Valley
- Mooretown Rancheria of Maidu Indians
- Nashville Enterprise Miwok-Maidu-Nishinam Tribe
- North Fork Mono Tribe
- North Fork Rancheria of Mono Indians
- North Valley Yokuts Tribe
- Paskenta Band of Nomlaki Indians
- Picayune Rancheria of Chukchansi Indians
- Pinoleville Pomo Nation
- Redding Rancheria
- Robinson Rancheria of Pomo Indians
- Santa Rosa Rancheria Tachi Yokut Tribe
- Scotts Valley Band of Pomo
- Shasta Indian Nation
- Shasta Nation
- Shingle Springs Band of Miwok Indians
- Southern Sierra Miwuk Nation
- Pakan'yani Maidu of Strawberry Valley Rancheria
- Susanville Indian Rancheria
- Table Mountain Rancheria
- The Confederated Villages of Lisjan
- Traditional Choinumni Tribe
- Tsi Akim Maidu
- Tsnungwe Council
- Tule River Indian Tribe
- Tuolumne Band of Me-Wuk Indians
- United Auburn Indian Community of the Auburn Rancheria
- Washoe Tribe of Nevada and California
- Wilton Rancheria
- Wuksache Indian Tribe/Eshom Valley Band
- Yocha Dehe Wintun Nation



# Introductions – DWR Representatives

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## CVFPP Leads



**Mary Jimenez**



**Jason Sidley**

## Tribal & CEQA Leads



**Lori Price**



**Kelly Briggs**





# Introductions – CVFPB Representatives

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## CVFPP Leads



**Andrea Buckley**



**Ruth Darling**



**Jennifer Stewart**

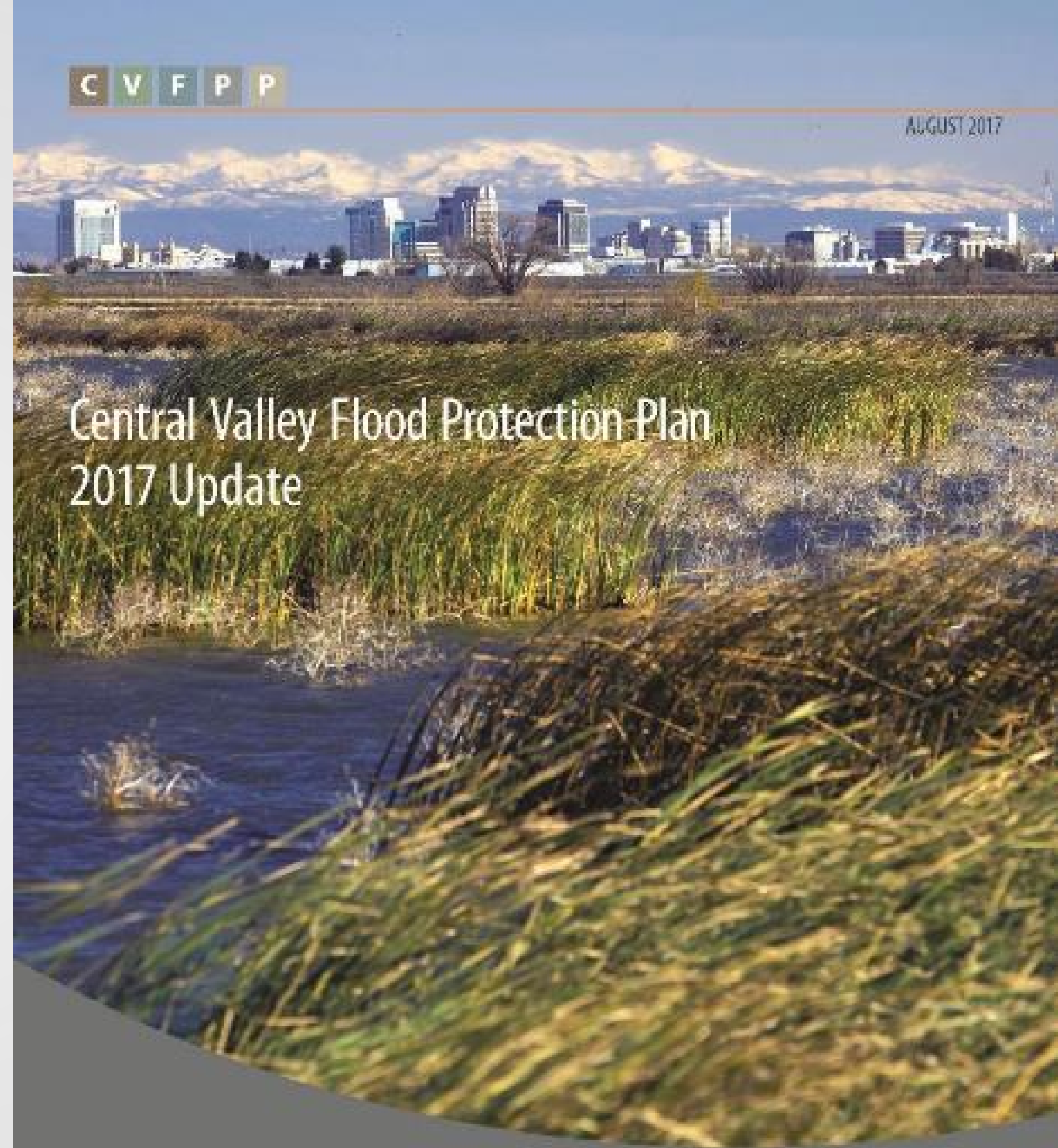


# CVFPP OVERVIEW



# The CVFPP is

- Descriptive, not decisional
- Not a funding or permitting decision for specific projects
- Prioritizes the State's investment in flood management over the next three decades
- Promotes multi-benefit projects
- Integrates and improves ecosystem functions associated with flood risk reduction projects

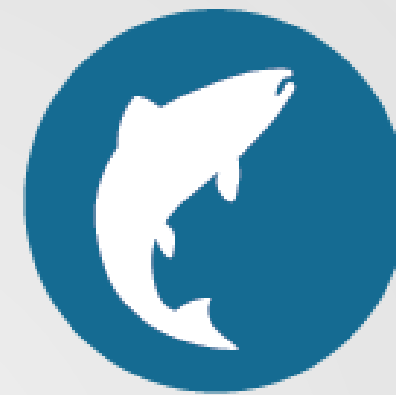


# Examples of flood-specific outcomes expected from CVFPP



## Public Health and Safety

- Risk reduction for people in the floodplain



## Ecosystem Vitality

- Increase and improve quantity, diversity, and connectivity of riverine and floodplain habitats



## Economic Stability

- Risk reduction for property and assets



## Enriching Experiences

- Protect societally significant lands





# Compatible Responsibilities



## DWR

- Prepares and works towards implementation of the CVFPP
- Provides technical assistance
- Administers financial assistance programs
- Operates & maintains part of SPFC



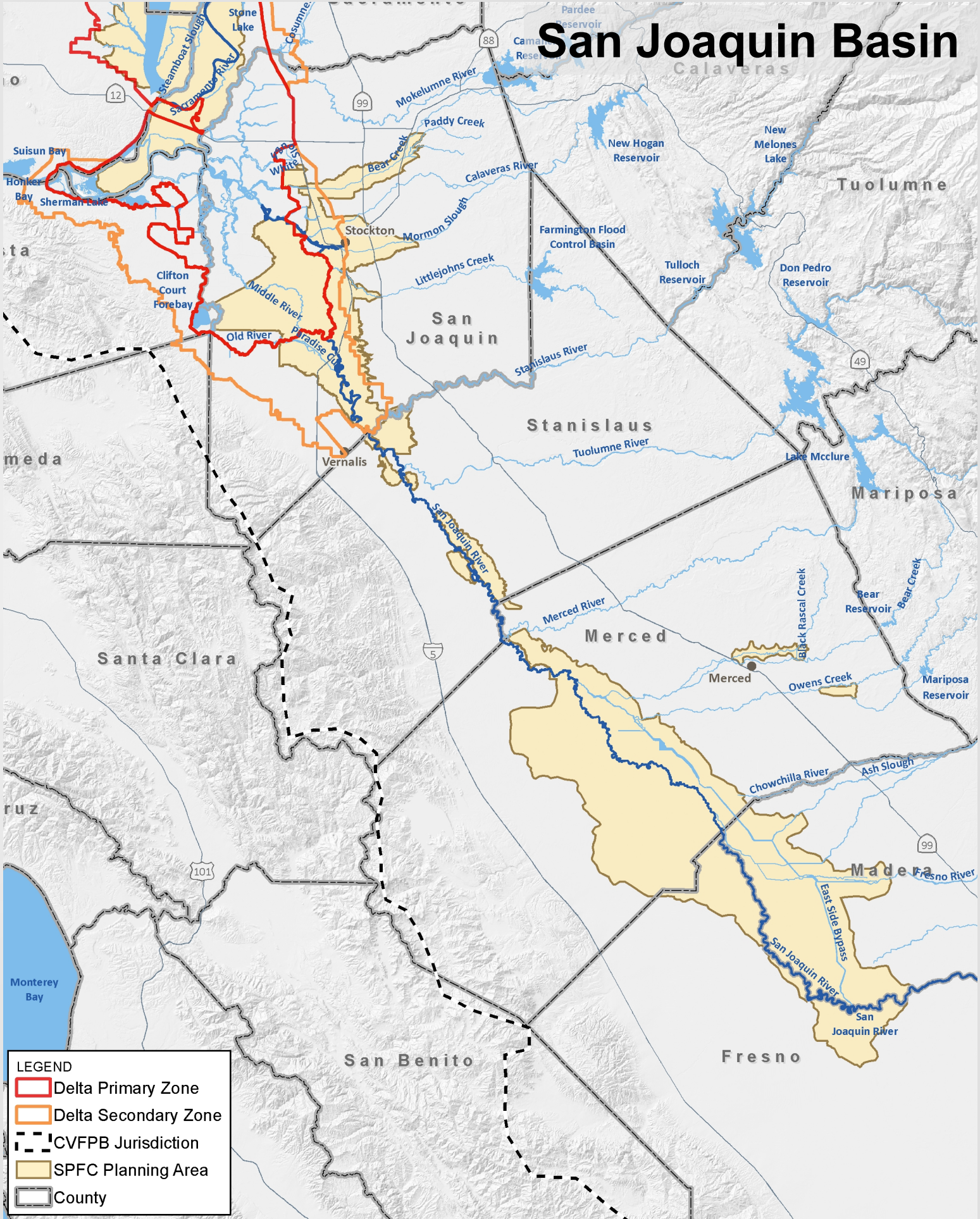
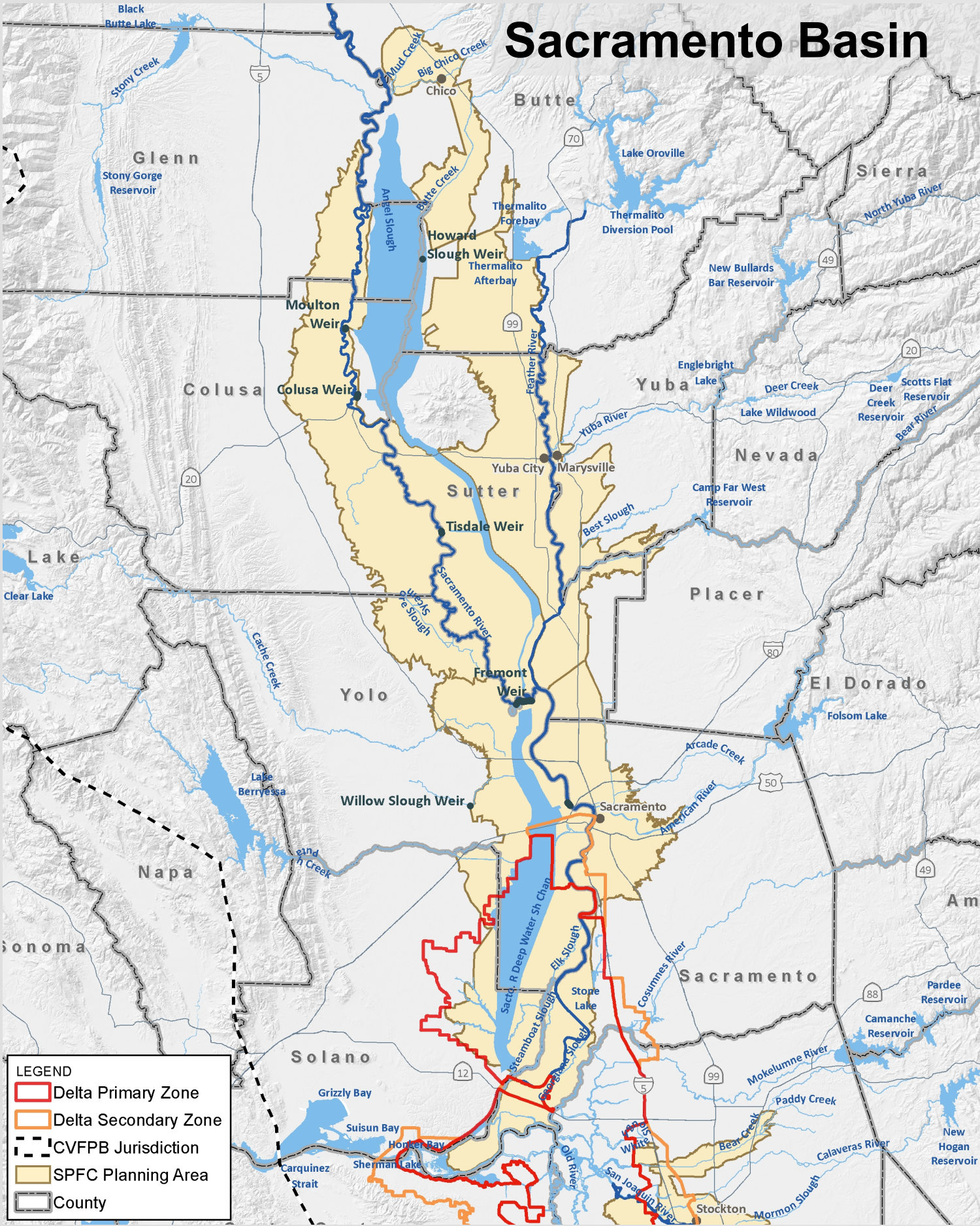
## CVFPB

- Adopts and works towards implementation of the CVFPP
- Non-federal sponsor for SPFC facilities
- Administers encroachment permits
- Provides a public forum for stakeholder engagement



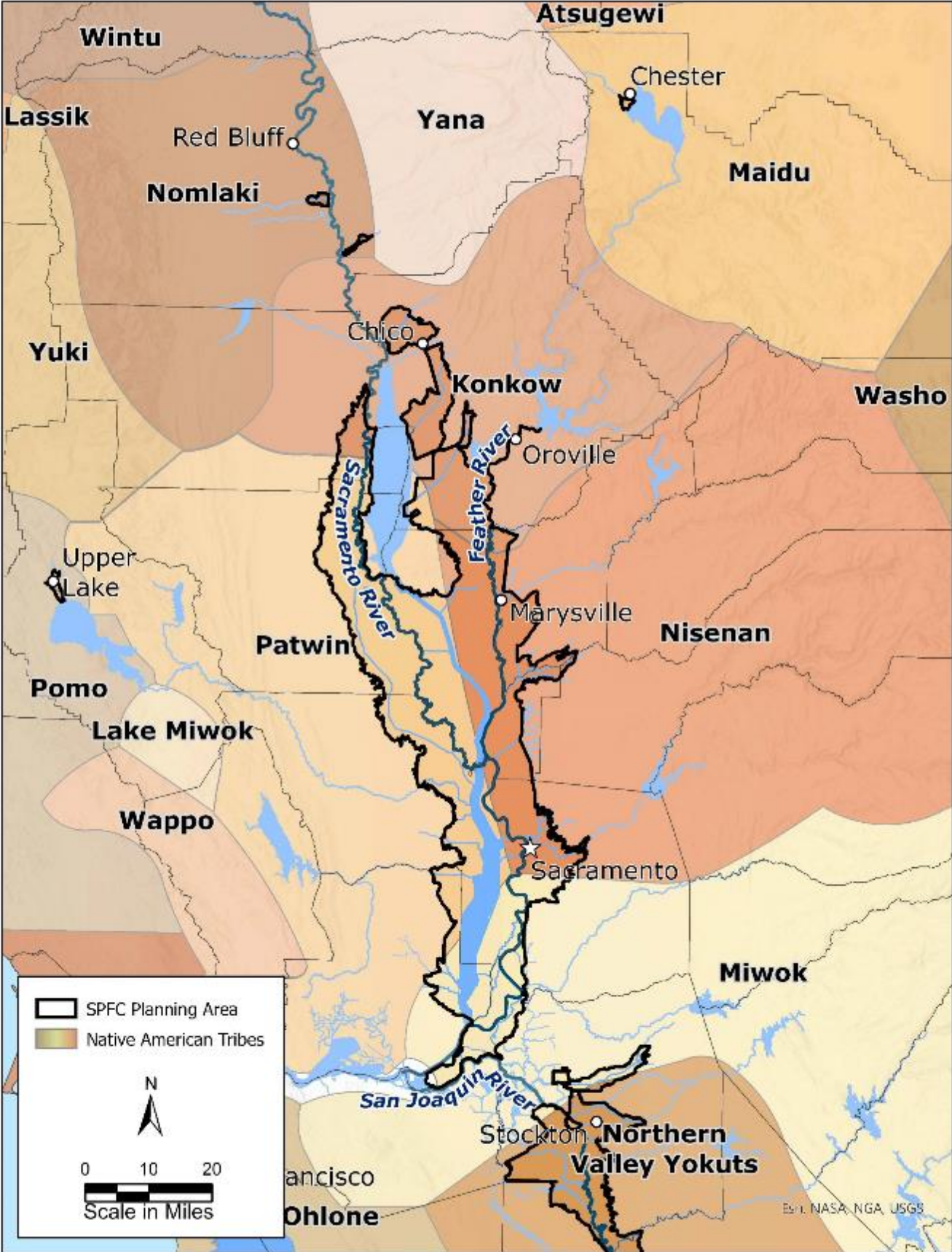


# CVFPP Planning Area

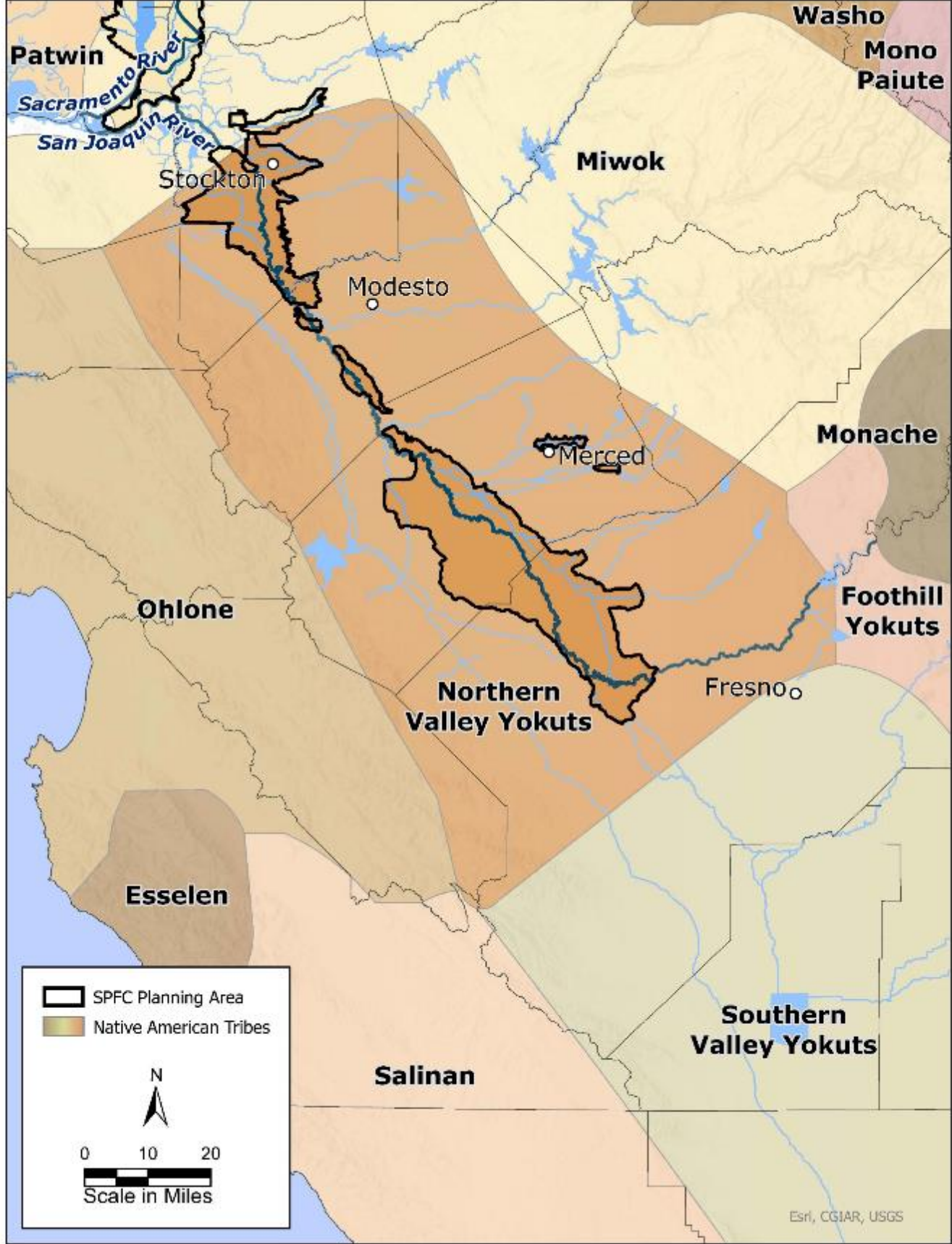




# Tribal Traditional Cultural Regions Within Planning Area



**Sacramento Basin**



**San Joaquin Basin**



# Resilient, long-range planning adapts to change

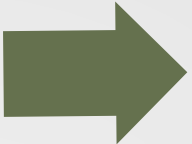
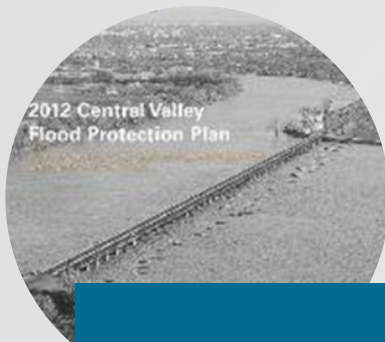


- Adaptive management addresses changing conditions in the system, society, and nature
  - Natural events like floods and wildfires
  - Funding mechanisms and economic conditions
  - Politics and policies at State, federal, and local levels
- Adaptation strategies are based on CVFPP flood-specific outcomes for Californians





# Comprehensive vision is maturing with each planning cycle



**2007**  
SB 5  
**Conceptual**

**2012**  
CVFPP

**2017**  
Update

**2022**  
Update

**2027**  
Update

- Developed State Systemwide Investment Approach (SSIA)
- Described programs to implement the CVFPP

- Refined SSIA
  - Developed funding plan and phasing of implementation
  - Identified flood policy issues
- Foundational Themes:
- Integration with broader water resources objectives (multi-benefit)
  - Need for sustainable funding

- Refined SSIA
- Climate resilience
- Reporting project implementation accomplishments
- Performance Tracking of Project Outcomes
- Alignment with other State efforts

- Scope and themes of update to be determined
- Focus on adaptive management and changing conditions
- Refine and expand performance tracking and reporting
- Update tools and analysis with best available science



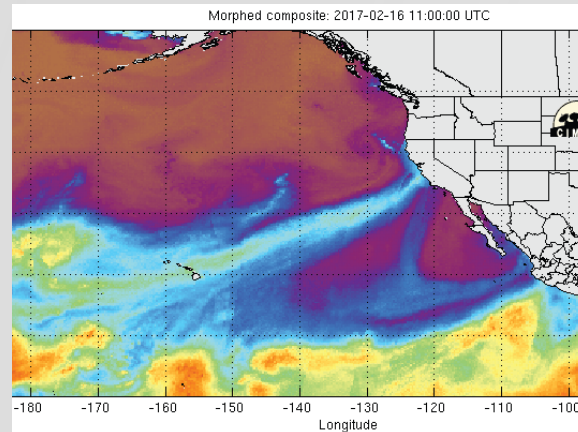
***QUESTIONS?***



# **2022 CVFPP UPDATE WORKING DRAFT**

## **REVIEW & COLLABORATION**

# Key Themes Emphasized for 2022 Update



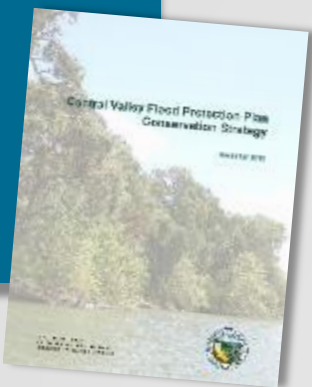
- **Innovation** expressed through Climate Change Adaptation
- **Accountability** conveyed by Tracking Performance
- **Collaboration** created with other State and Regional Planning Efforts





# 2022 CVFPP Update Component Efforts

Conservation  
Strategy Update



Investment  
Strategy Update  
(no stand-alone  
document)



Regional Flood  
Management  
Planning



Flood System  
Status Report



Technical Analyses  
(climate, hydrology, risk, etc.)



CEQA  
(Addendum)



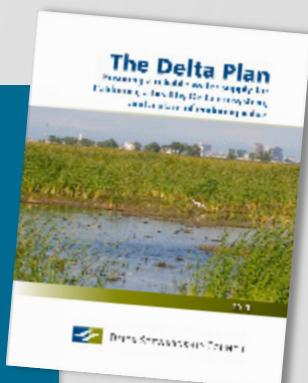
SPFC Descriptive  
Document



Performance  
Tracking



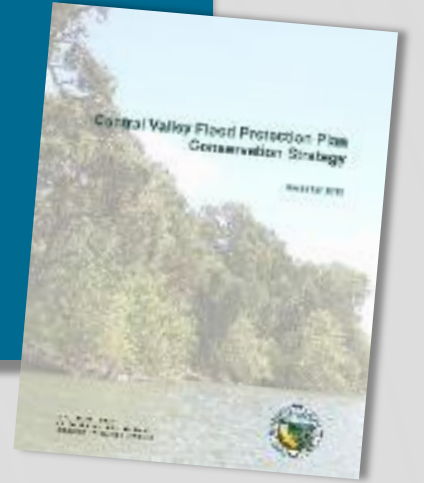
Delta Plan  
Consistency  
Determination



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# How the Conservation Strategy Update component effort supports the CVFPP

## Conservation Strategy Update



- Adding 3 new species; no change to measurable objectives
- Performance tracking: ecosystem indicators and metrics
- Climate change: ecological adaptation measures and approaches
- Alignment with other programs: CS data, tools, and guidance across multiple DWR programs
- Policy recommendations: informed by the 2016 CS and Advisory Committee recommendations





# How Technical analyses component efforts support the CVFPP

Technical Analyses  
(climate, hydrology, risk, etc.)



- Enhanced understanding of climate change "problem"
- Performance tracking: public health and safety and economic stability indicators and metrics (Expected/Average Annual Life Loss and Damages)
- Climate change: provides low, median, and high scenarios for plan performance and progress in two watershed-scale pilot studies
- Alignment with other programs: aligning data, tools, and climate approaches across multiple programs
- Data and tools: Support future feasibility studies and related efforts upon completion



# Component efforts support the CVFPP

Investment  
Strategy Update  
(no stand-alone  
document)



- Capital and ongoing investments are updated in Working Draft and have increased since 2017.
- Funding plan will not be included in Working Draft, anticipated for inclusion in Public Draft.
- No stand-alone Investment Strategy document, all relevant content will be included in CVFPP Chapter 4.





# Working Draft 2022 CVFPP Update Storyline

To be  
completed  
in 2022

**Call to Action  
Infographic**

**Chapter 1  
Updating the  
CVFPP**

**Chapter 2  
CVFPP  
Implementation  
Progress**

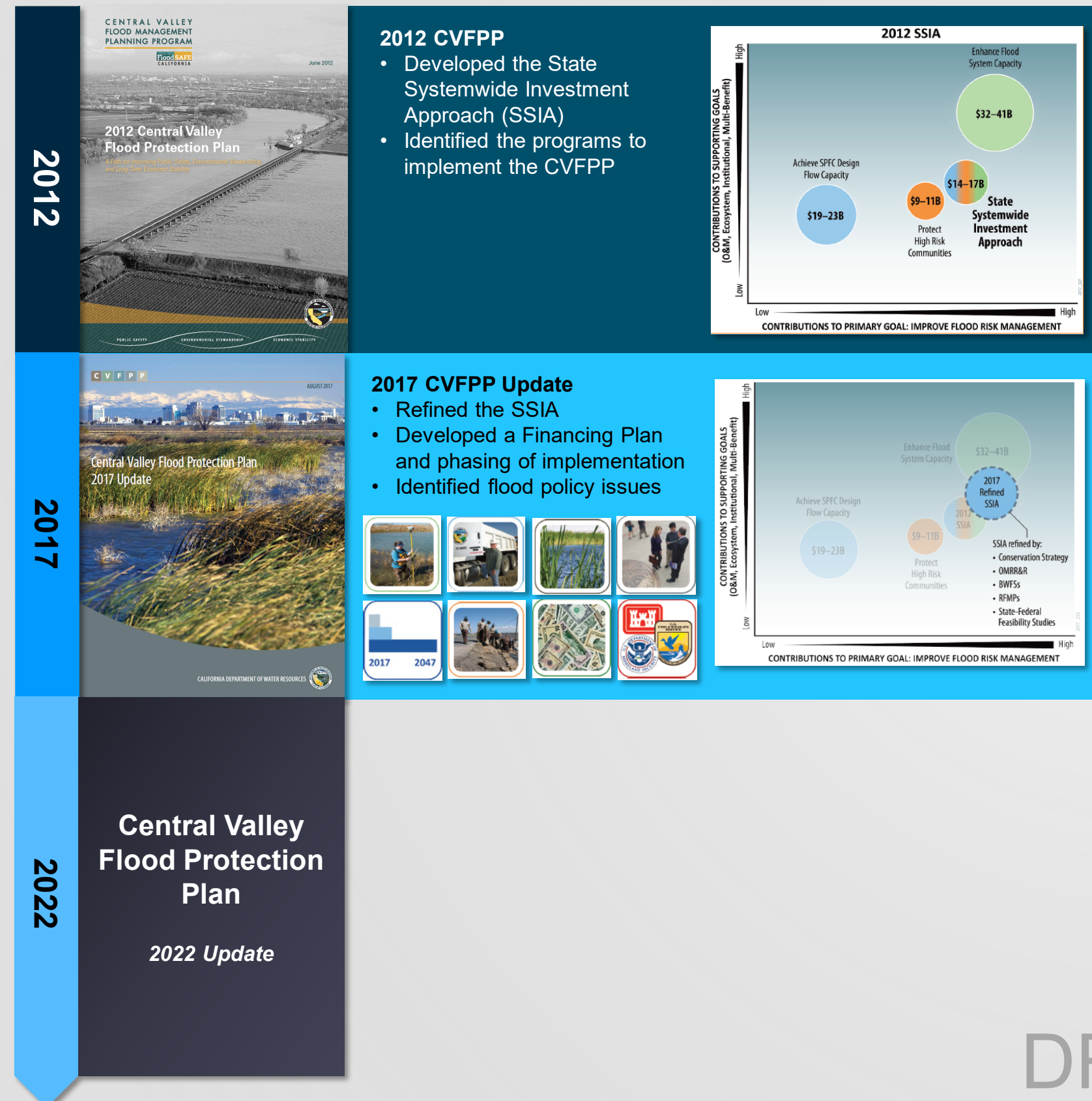
**Chapter 3  
Updated Risk,  
Priorities,  
Portfolios, and  
Outcomes**

**Chapter 4  
Moving Forward**



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# Background material will be made available in Appendix

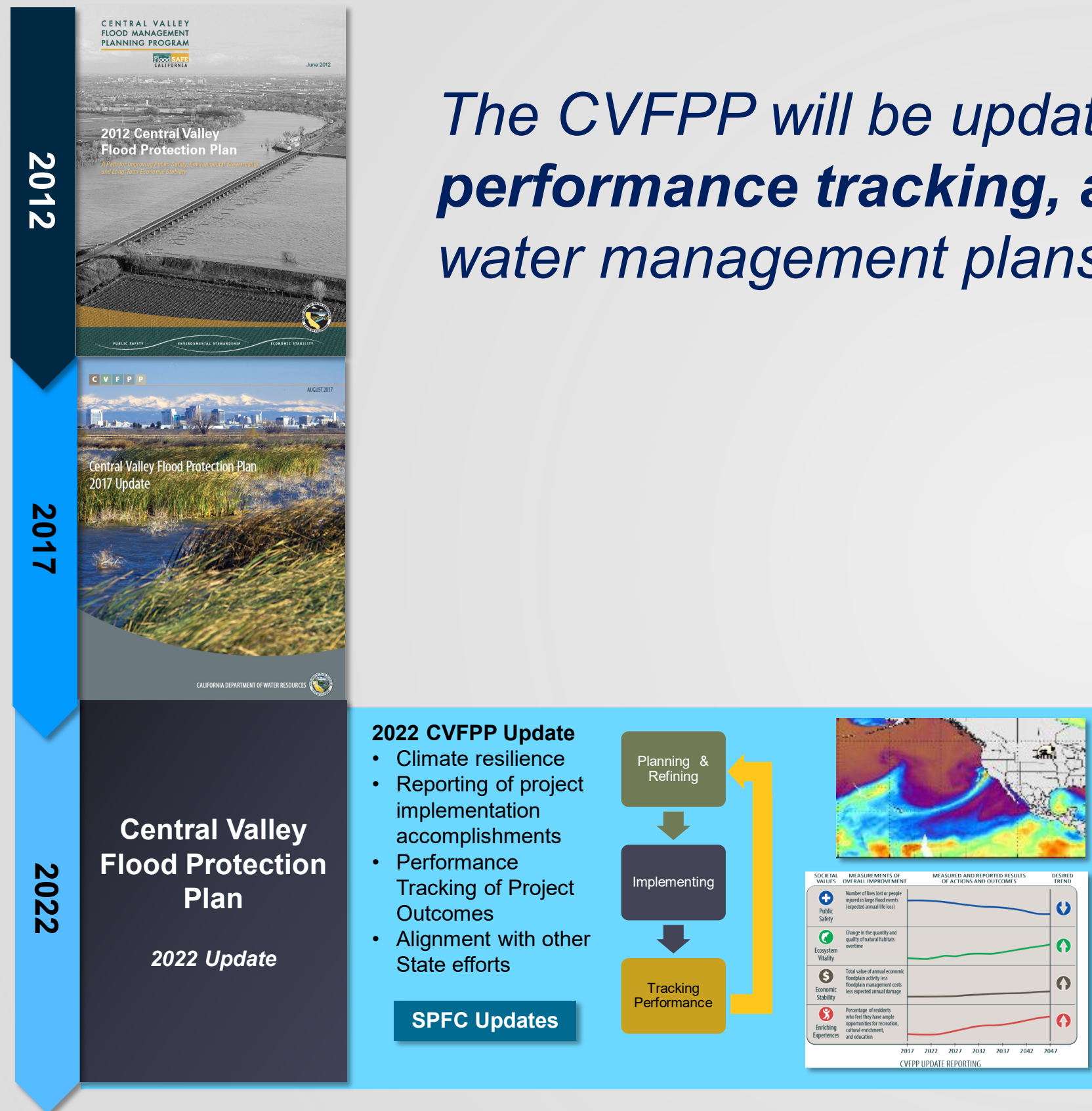


- Provide historical background of CVFPP
- Highlight concepts consistent with previous plans (e.g., SSIA formulation/refinement)
- Enable narrative flow of chapter 1

DRAFT



# Chapter 1: Updating the CVFPP



*The CVFPP will be updated with a focus on **climate resilience**, **performance tracking**, and **integration/alignment** with other State water management plans and efforts.*

## Summary Points:

- 2022 CVFPP Update is consistent with previous plans
- Report on tracking performance of planned investments and update the SSIA to provide a portfolio that is reasonable, balanced, and cost-effective
- Flood risk remains high and native species are declining; exacerbated by climate change and other anthropogenic factors

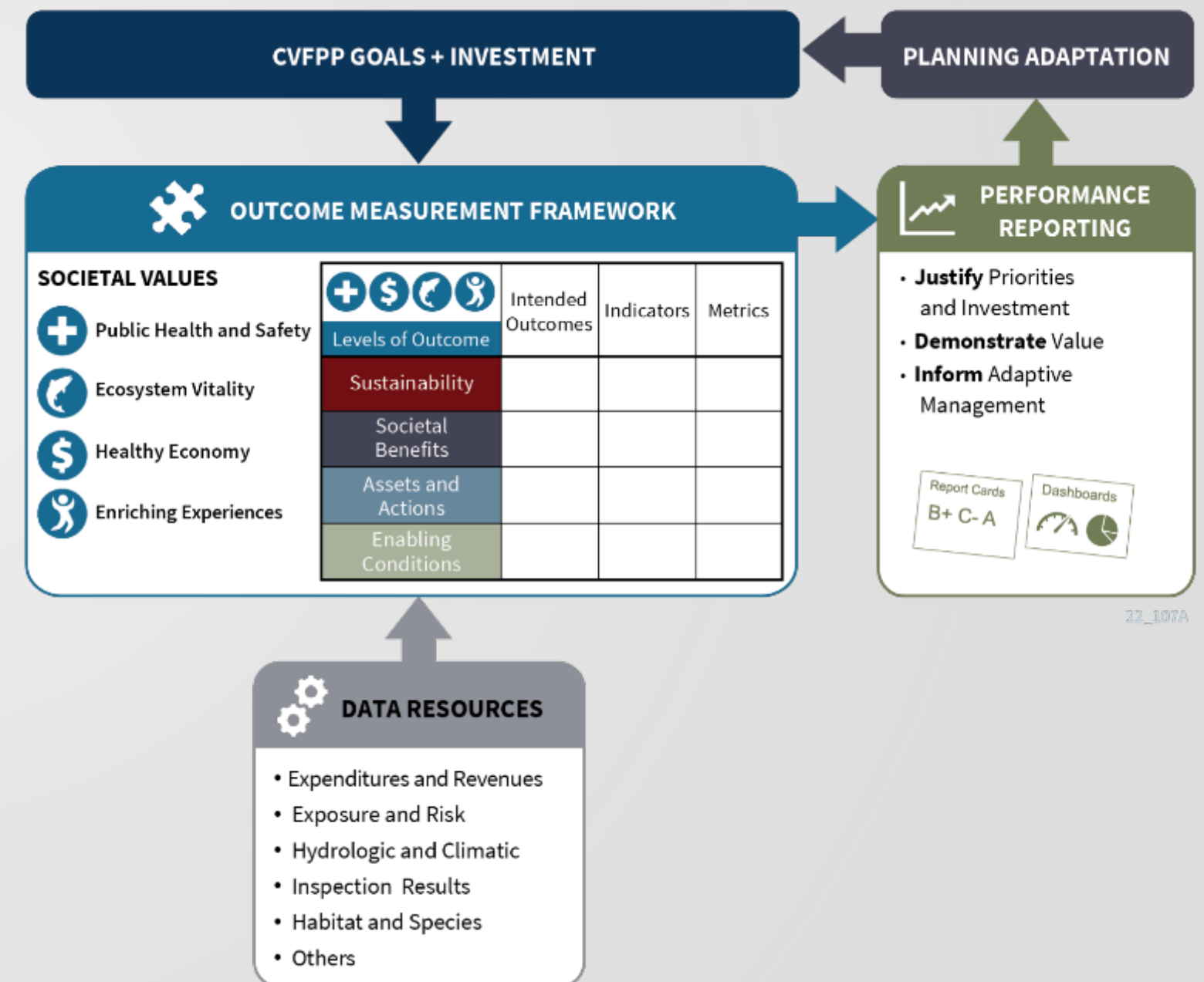


# Chapter 2: CVFPP Implementation Progress

*CVFPP Partners have achieved progress on implementation of the SSIA and are developing a set of metrics to track progress.*

## Summary Points:

- Performance tracking is demonstrating progress, promoting accountability, and demonstrating return on investment
- Alignment between CVFPP and other DWR water management investments provides broader multi-benefit outcomes
- Progress has been made in many areas since 2017, but challenges remain





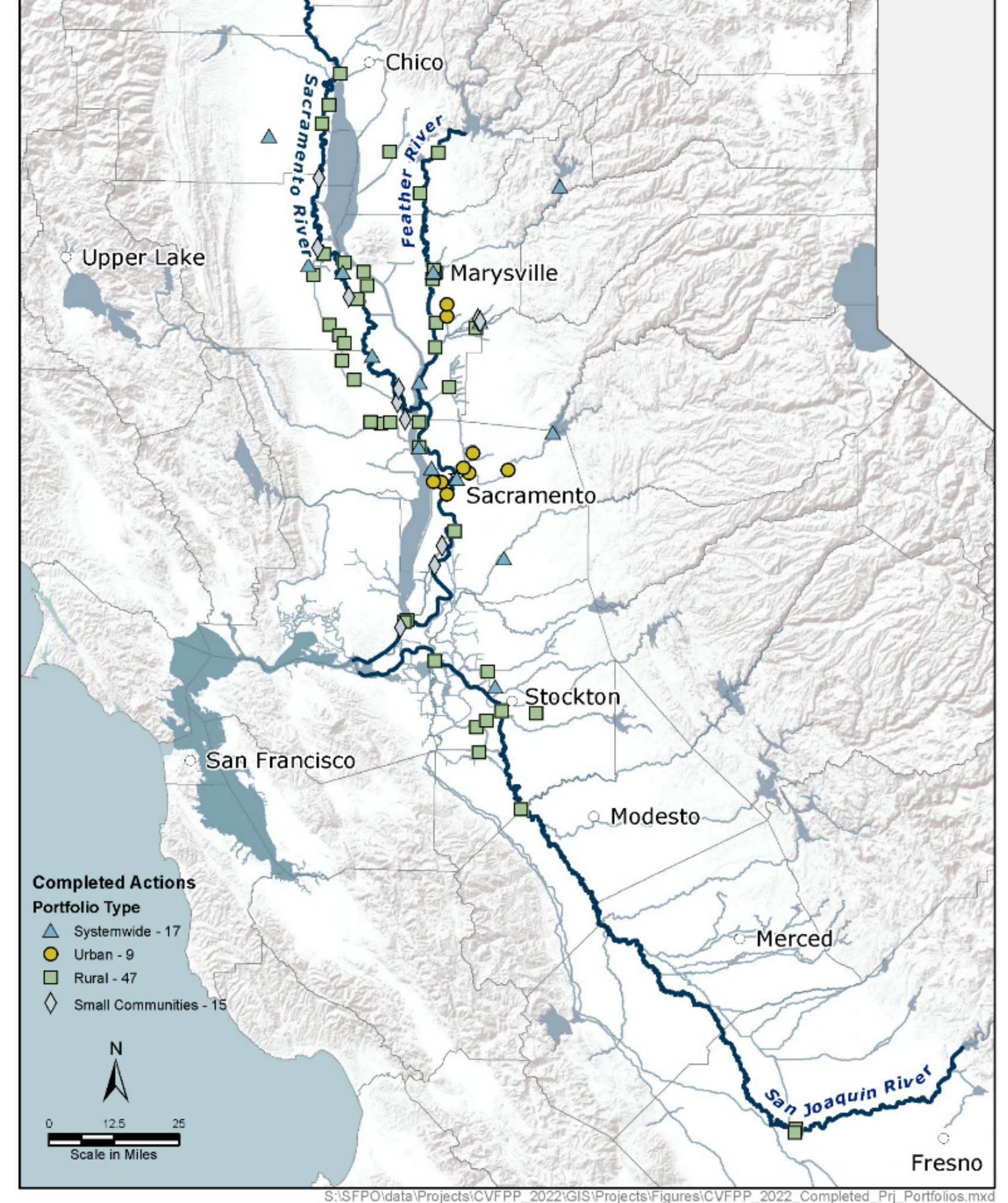
# Chapter 2: CVFPP Implementation Progress

## Chapter 2 Highlights

- Performance tracking and adaptive management framework described
- Completed projects map included
- Completed projects for each area of interest highlighted with photos and enhanced descriptions
- Policy issues progress summaries and continuing conversations

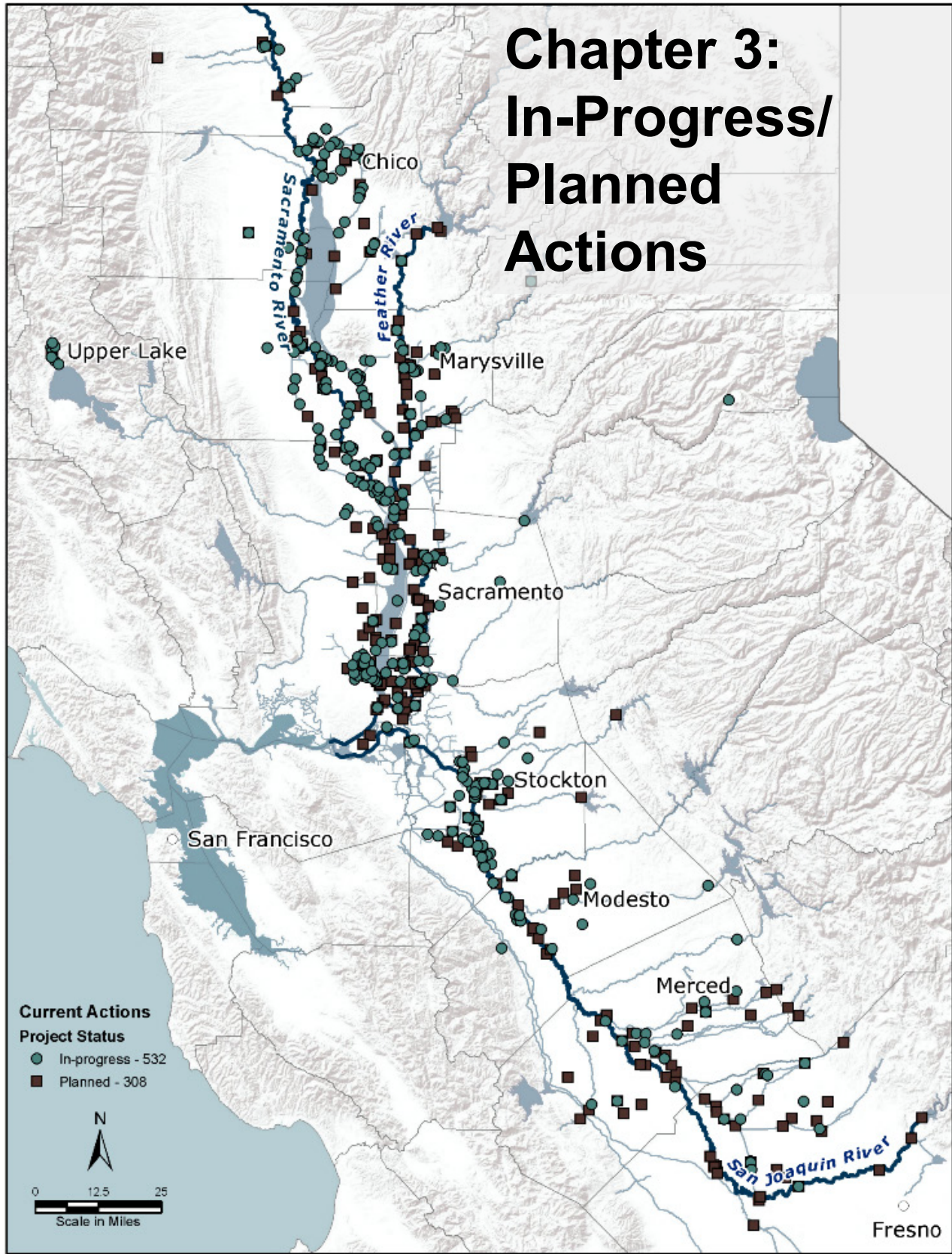
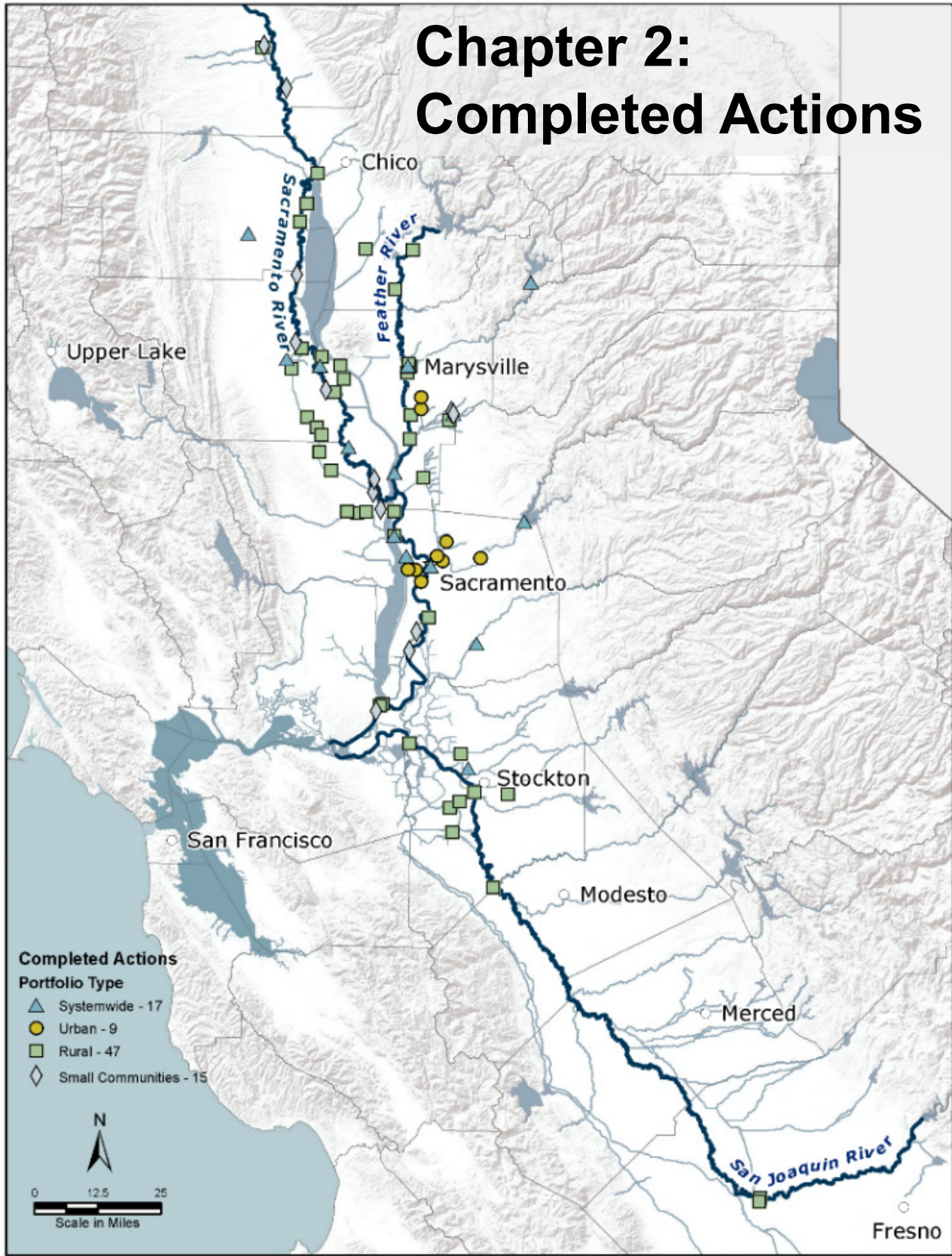


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# CVFPP completed actions compared to in-progress and planned actions



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# Chapter 3: Updated Risk, Priorities, Portfolios, and Outcomes

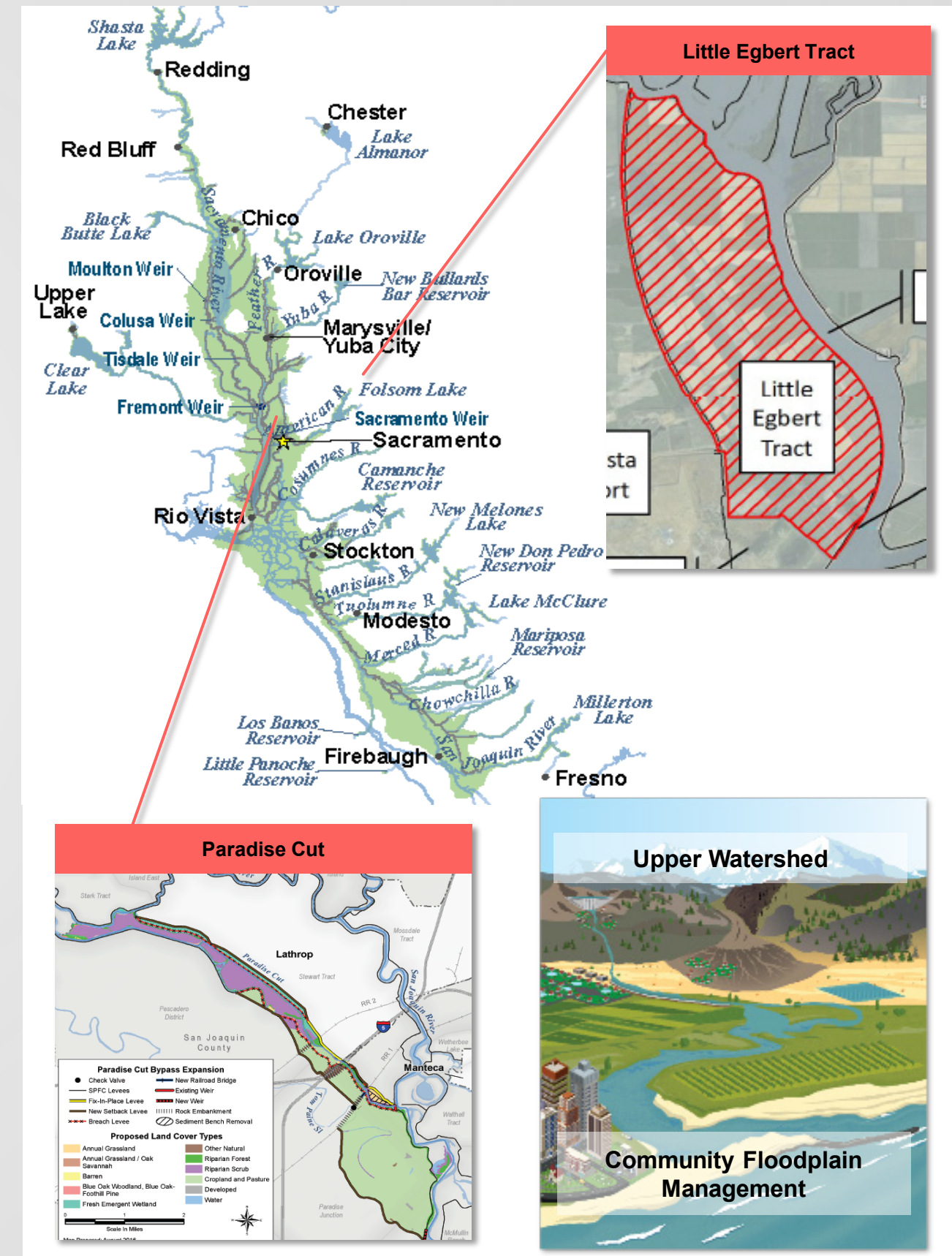
*The State has updated the actions and long-term outcomes of the SSIA that need to be implemented over the next 30 years.*

## Summary Points:

- Systemwide, multibenefit actions enhance climate resilience
- Federal, State, and local partners need to continue to manage residual flood risk – especially considering climate change
- A broad array of benefits will extend over the long-term; with focus to address equity and support underserved and vulnerable communities in the Central Valley



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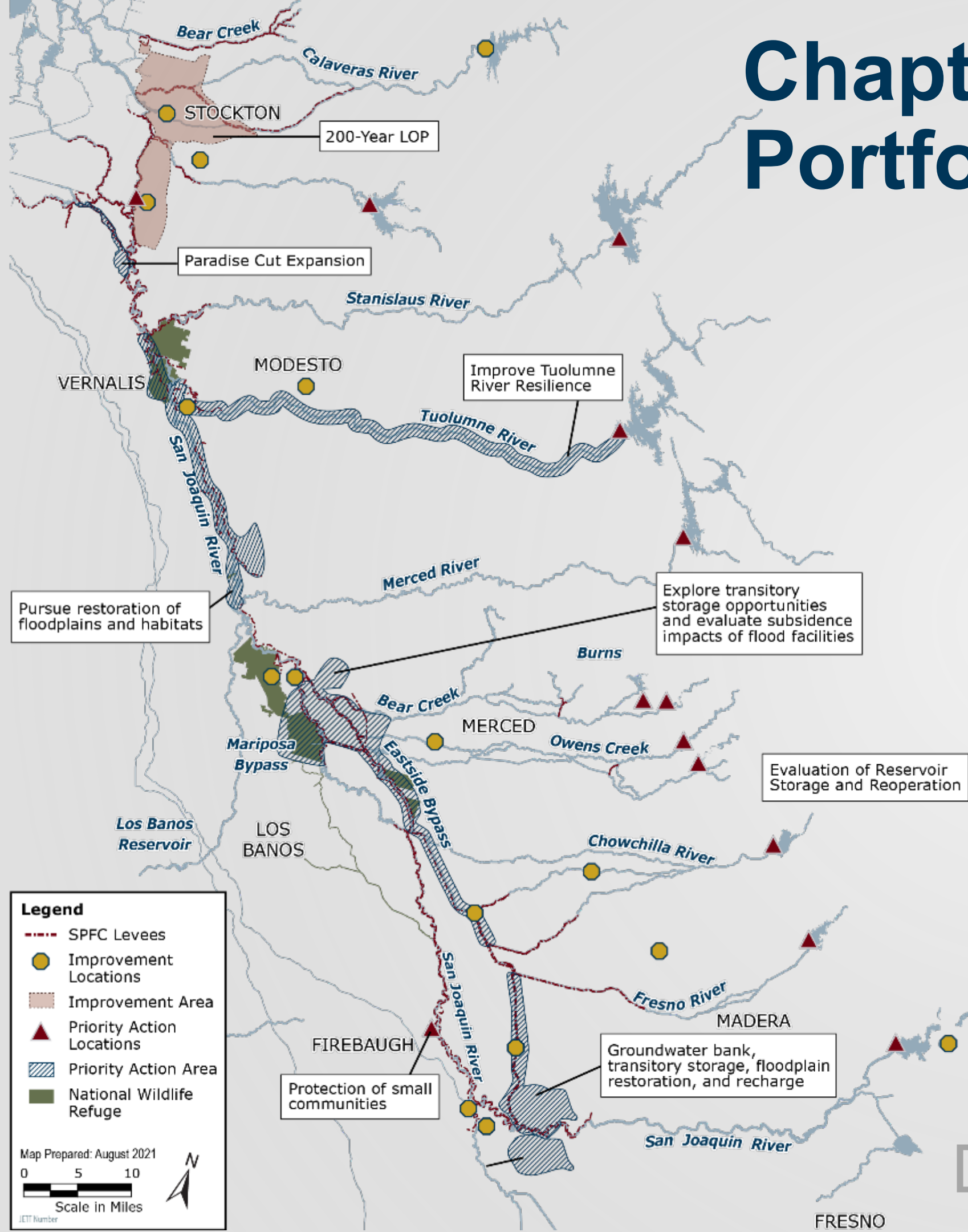




# Chapter 3: Updated Risk, Priorities, Portfolios, and Outcomes

## Chapter 3 Highlights

- Results of average annual life loss and damage are updated
- Spotlights of Yolo Bypass Multi-benefit Program and San Joaquin Regional Flood Management Strategy with accompanying maps included
- Area of interest descriptions, priorities, and accompanying maps updated
- High-priority policy issue recommendations included

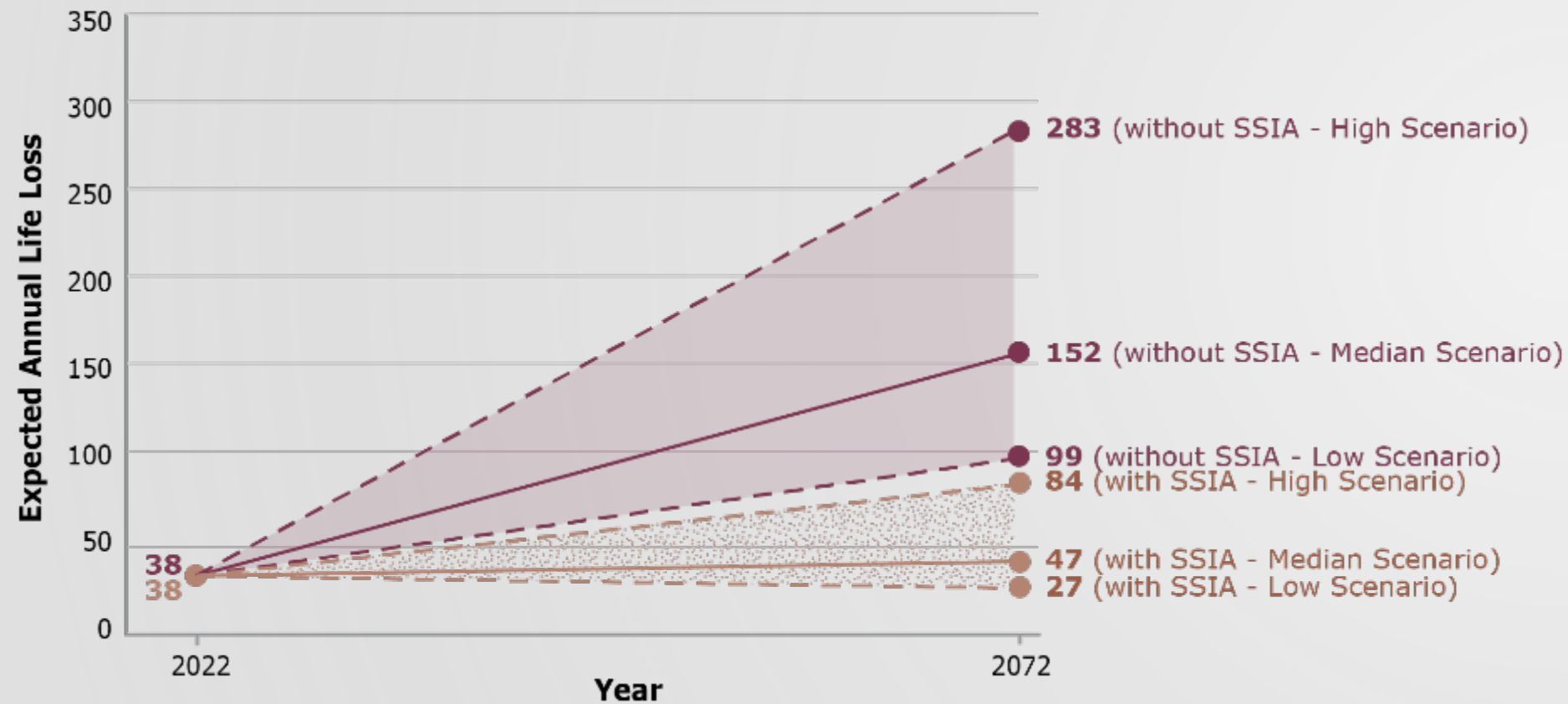


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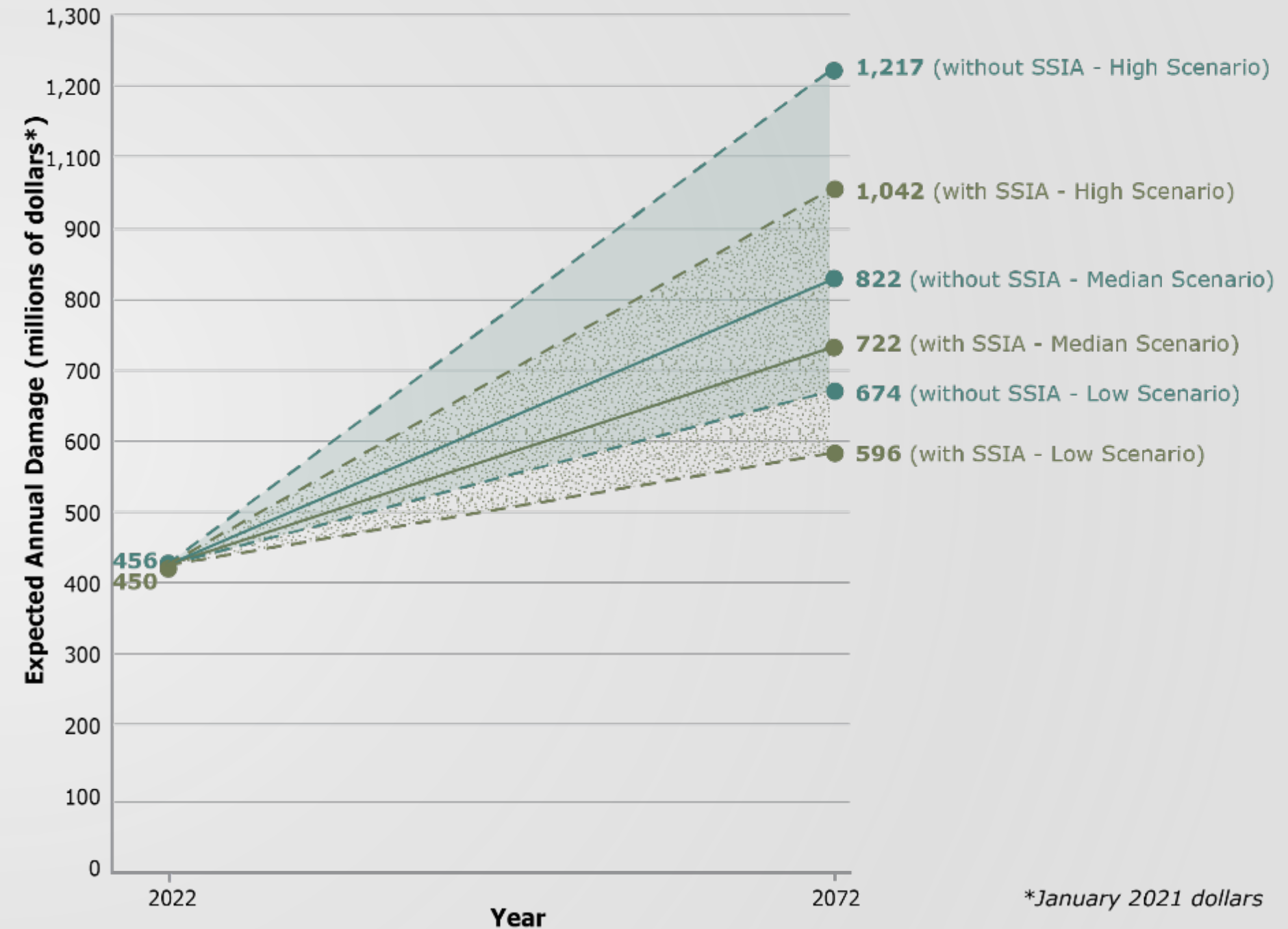


# Average annual life loss and damages are being updated

San Joaquin River Basin Expected Annual Life Loss



Sacramento River Basin Expected Annual Damage (millions of dollars\*)



# CVFPP policy issues are being updated



Land Use and  
Floodplain  
Management



Residual Risk  
Management



Flood and Ecosystem  
Performance  
Accounting



Operations and  
Maintenance of  
the Flood System



Equity



Governance and  
Institutional Support



Coordination with  
Federal Agencies



Funding



Multi-benefit  
Projects



Climate Change  
and Flood System  
Resilience

22\_New\_Policy\_Icons



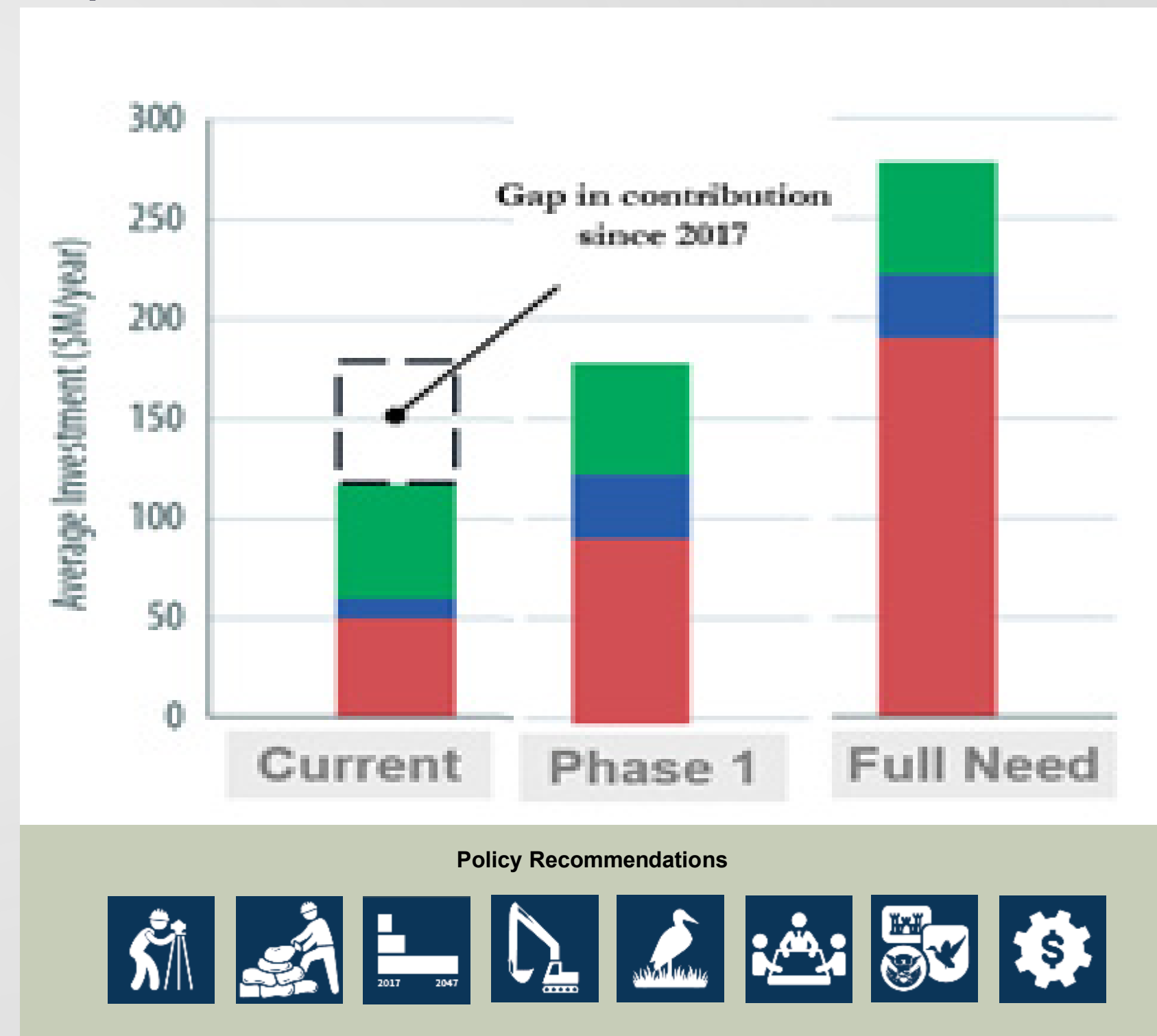


# Chapter 4: Moving Forward

*The State has an updated plan to fund and implement the SSIA and its recommendations with federal, State, and local partners.*

## Summary Points:

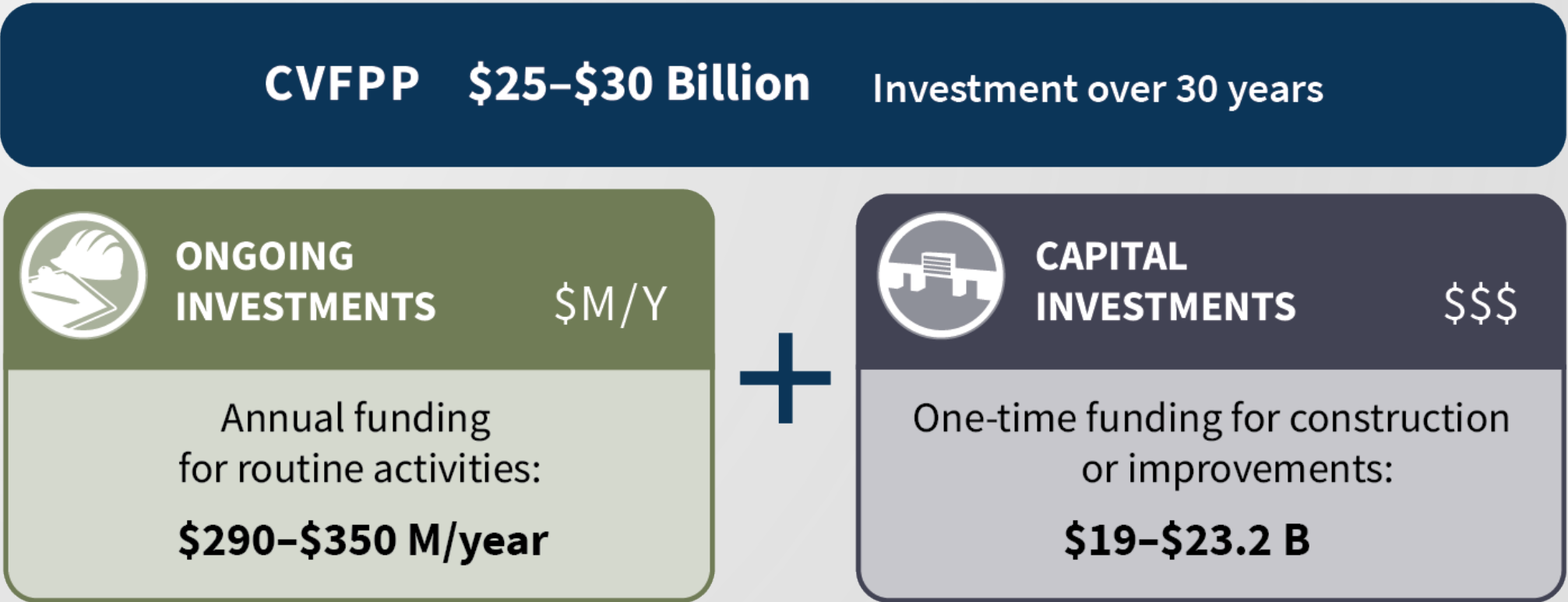
- Costs are increased for capital and ongoing investments over 30 years compared to 2017
- Prioritized near and long-term actions for implementation within DWR's flood management programs have been updated
- Continued implementation requires stable funding from federal, State, and local partners
- Improved implementation requires addressing key policy issues through collaborative efforts



# Chapter 4: Moving Forward

## Chapter 4 Highlights

- Capital and ongoing investment need estimate updated
- Historical expenditures for federal (USACE), local, and a portion of State sources updated. Additional updates will be included in Public Draft
- Recommended funding plan description clarified to account for full compliance with legislative guidance and requirements from Central Valley Flood Protection Act of 2008



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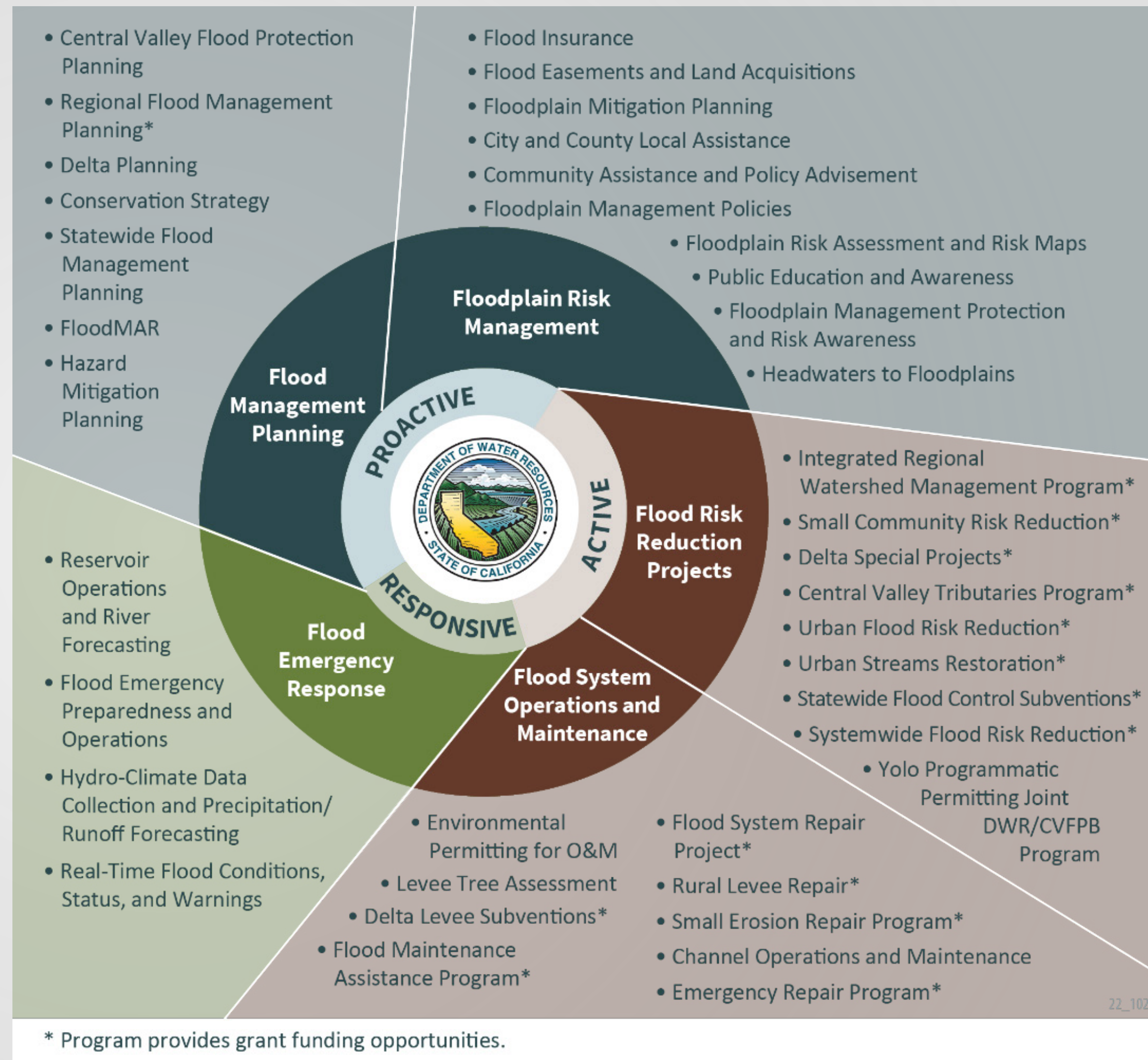




# Flood management projects and actions are implemented through DWR's flood programs



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## 2022 CVFPP Update and Related Efforts | Plan Development Milestones

	2021				2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CVFPP	 CVFPP PDT Draft (Feb)	 CVFPP DWR Alignment Draft (Apr)	 CVFPP Working Draft		 CVFPP Public Draft		 Final 2022 CVFPP Update	
CONSERVATION STRATEGY	 Working Draft #1 (Jan)	 Revised Working (Admin) Draft (May)		 CS Public Draft			 Final 2022 CS Update	
CVFPP CEQA							 Final CEQA Addendum	

We are here



# Working Draft CVFPP Review

- October 1: Scheduled Working Draft distribution
  - Reviewer guidance will be provided
  - Comments to be addressed in Public Draft, scheduled for release in early 2022
  - Outstanding comments may continue to be addressed through public process in 2022
- November 1: Comments Due



# ***DISCUSSION***

- Questions, comments, or discussion points on the Working Draft?
- Which components of the 2022 CVFPP would you like to learn more about?

*Your comments can help DWR incorporate Native American Tribal values into CVFPP planning.*



# TRIBAL CONSULTATION & ENGAGEMENT

# Consultation & Engagement to-date

- **February 16 & March 2, 2021:** Pre-AB52 Meetings
- **April 28, 2021:** Consultation letters mailed
- 6 Consulting Tribes (*currently*)
  - Buena Vista Rancheria of Me-Wuk Indians
  - Estom Yumeka Maidu Tribe of the Enterprise Rancheria
  - Mechoopda Indian Tribe
  - Mooretown Rancheria of Maidu Indians
  - Shingle Springs Band of Miwok Indians
  - United Auburn Indian Community of the Auburn Rancheria





# Upcoming Engagement Opportunities

- **November 1, 2021:** Working Draft comments due
- **Early 2022:** Public Draft release
  - Opportunity to review & comment
  - No public CEQA review for this update (CEQA Addendum)
- **2022:** Other Engagements
  - CVFPB Tribal Workshop
  - Tribal Informational Meetings



# CVFPP Tribal Engagement Website

<https://water.ca.gov/Programs/Flood-Management/Flood-Planning-and-Studies/Central-Valley-Flood-Protection-Plan/Central-Valley-Flood-Protection-Plan-Tribal-Engagement>





# THANK YOU!

For additional information, please contact:

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