

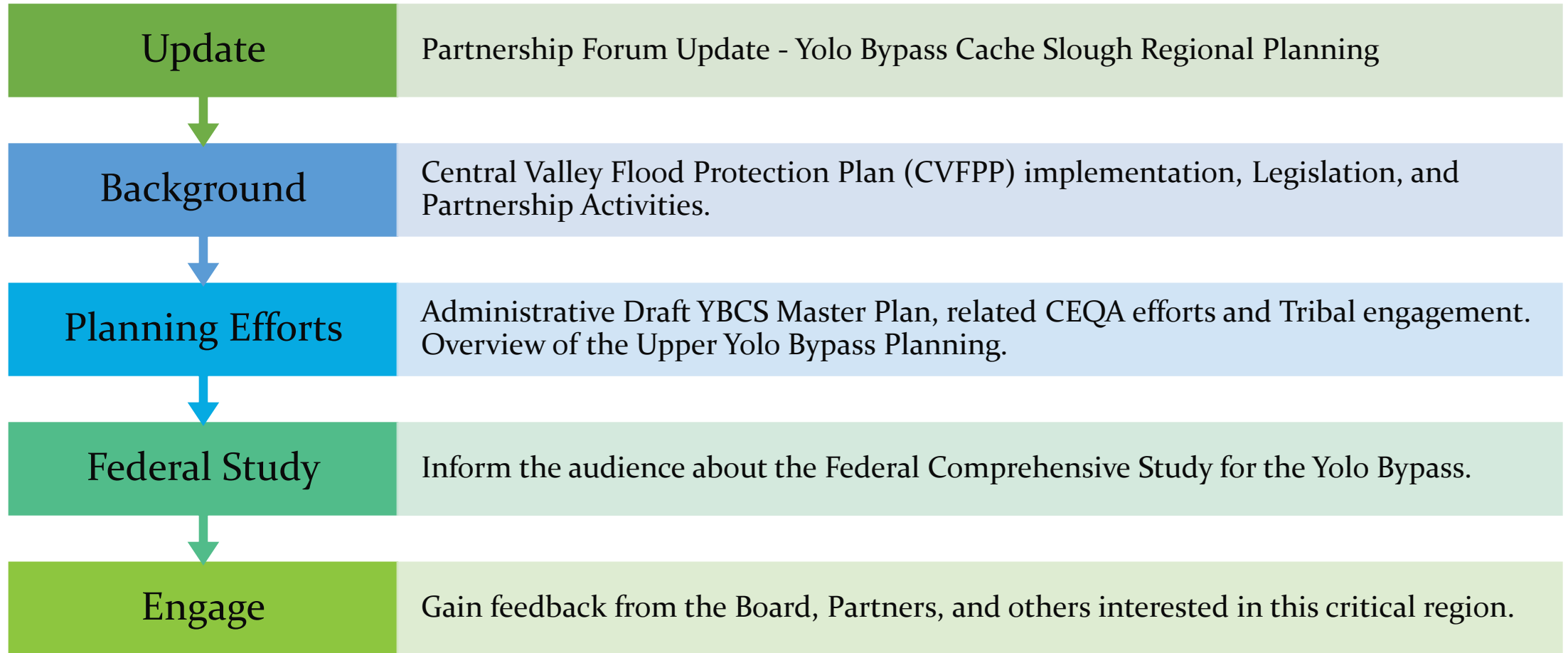


Yolo Bypass Cache Slough Partnership Forum

Central Valley Flood Protection Board Workshop - April 12, 2024



Workshop Objectives - Yolo Bypass Cache Slough



Presentation Outline and Speakers

- Welcome, Purpose, and Introductions – Kristyne Van Skike, CVFPB
- Background – Ruth Darling, CVFPB
- Admin Draft Master Plan – Mary Jimenez and Megan LeRoy, DWR
- CEQA Updates & Tribal Engagement– Megan Giglini, CVFPB
- Upper Yolo Bypass Planning – Melanie Saucier, SAFCA and Megan Murray, HDR
- Federal Comprehensive Study – Tina Teed, USACE
- Workshop wrap-up – Ruth Darling, CVFPB

Envision. Build. Sustain.

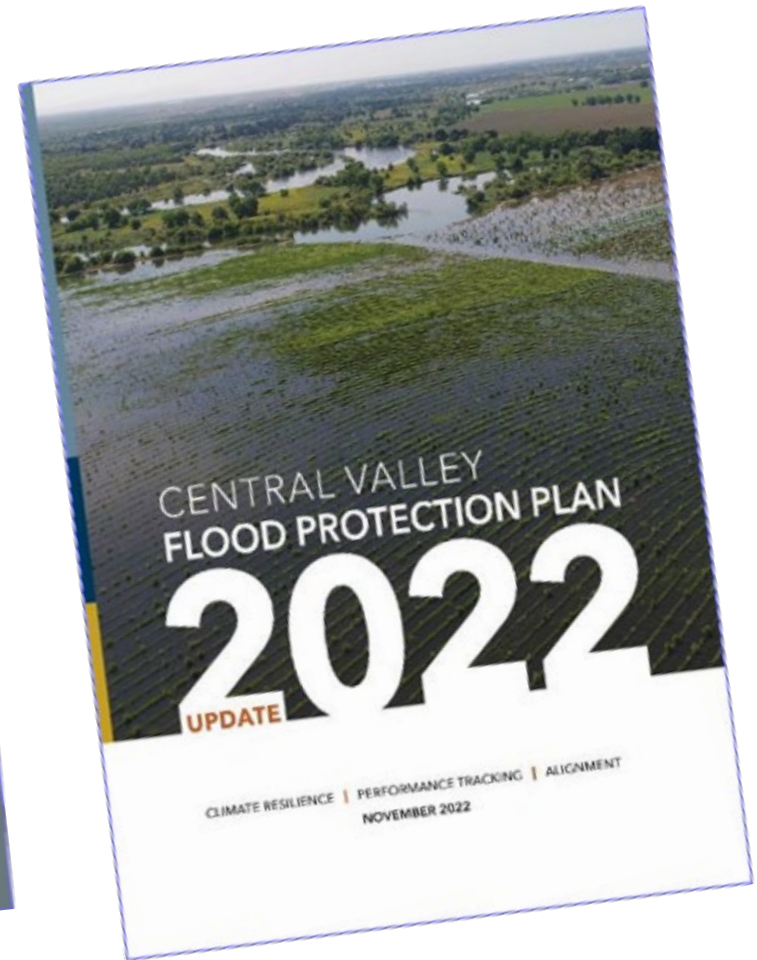
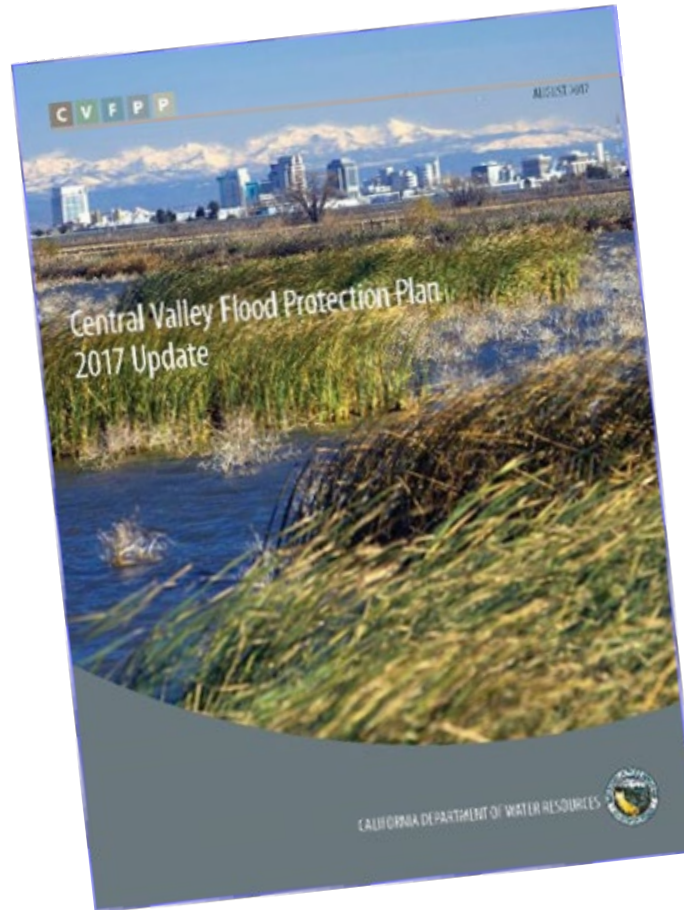
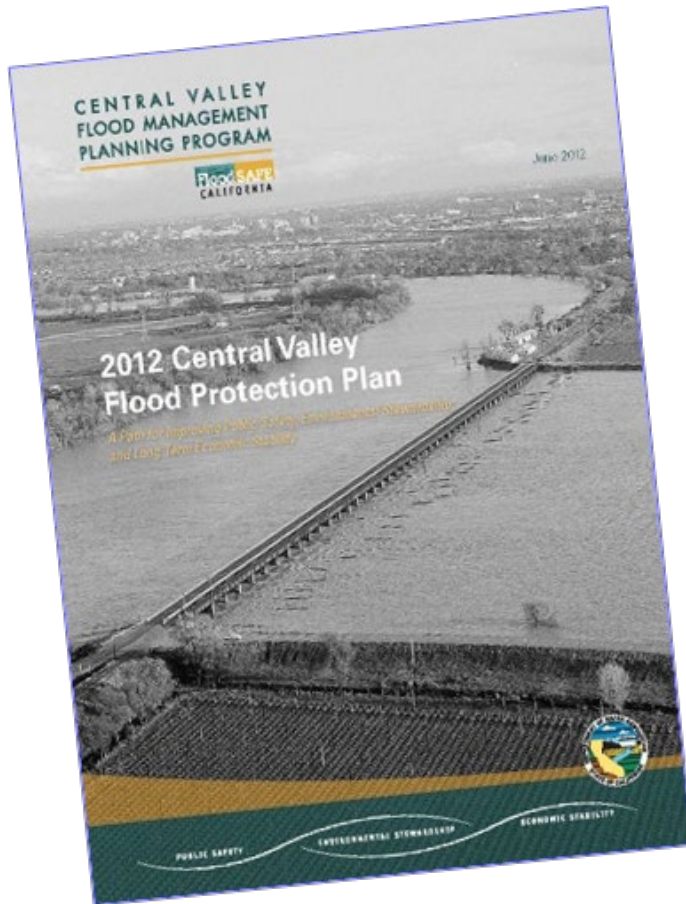
Planning for an Integrated,
Resilient Future

[LEARN MORE](#)

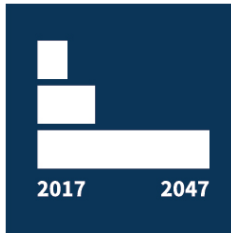
Background



Central Valley Flood Protection Plan



Implementation of the CVFPP



Flood and Ecosystem
Performance Accounting



Governance and
Institutional Support



Operations and
Maintenance of the
Flood System



Coordination with
Federal Agencies



Development of Multi-
benefit Projects



Climate Change and
Flood System
Resilience

Water Resources Development Act 2020

- Authorizes Comprehensive Study for the Yolo Bypass including:
 - System-wide analyses of the Yolo Bypass Program
 - Multi-purpose and systemwide federal project planning and resiliency
 - Identifying site-specific projects with federal interest
- Acknowledges, endorses, and formalizes federal participation in the Yolo Bypass for project planning and implementation
- There may be opportunities for Congress to consider federal authorization and/or funding for additional activities

CA Senate Bill 369

Established the Yolo Bypass Cache Slough Multibenefit Program

- Prioritize projects that accommodate multiple objectives in the YBCS region.
- Identify project implementation challenges and work collaboratively to resolve those challenges.
- Develop programmatic and expedited approaches for regulatory compliance.
- Identify funding mechanisms for project implementation and long-term operations and maintenance.
- Develop strategies to foster regional agricultural sustainability, recreational opportunities, and long-term water supply reliability.

YBCS Partnership Background

- In recognition of the advantages of an integrated approach, a new era of multi-benefit collaborative planning began in 2016 when representatives of 15 agencies executed the Yolo Bypass Cache Slough Partnership Memorandum of Understanding.
- Since 2016, the Partner agencies have been developing a program that encourages collaboration on regional solutions to implement landscape-level change.
- The success of the Partnership will require **proactive investment**, leveraging of resources, and **sustainable funding** for Partnership activities and long-term management of the YBCS system and its features.

The YBCS Partners



Partnership Pillars



FLOOD



AGRICULTURE



HABITAT



RECREATION



WATER SUPPLY



WATER QUALITY

Recent Partnership Activities



Revision to the
Vision Document



Partnership
Governance
Framework



Engagement and
Review of Master Plan
Administrative Draft
and Appendices



Engagement in
Project Planning

YBCS Vision

A Landscape Transformed

The YBCS Partnership aims to facilitate the continued evolution of the YBCS region into a landscape that benefits all six of the Partnership's pillars.

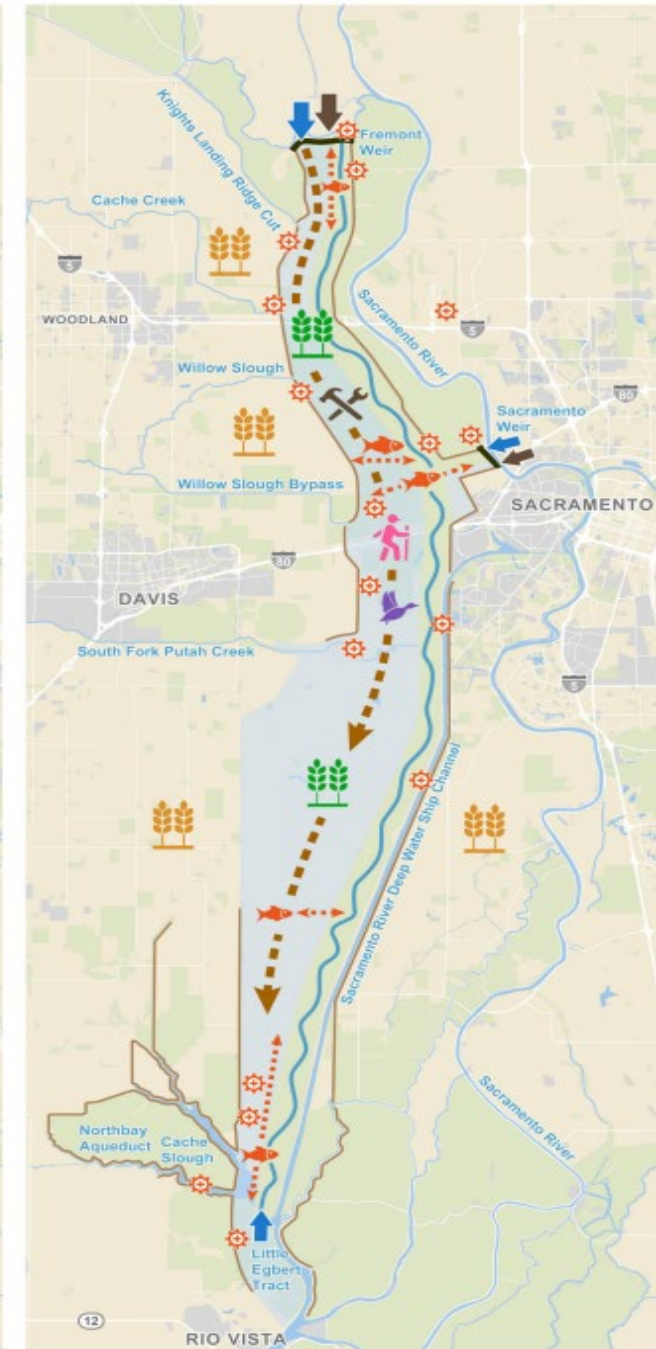
www.ybcspartnership.org



CURRENT



ENVISIONED



Coordinated Planning Efforts

- Central Valley Flood Protection Plan Update
- Conservation Strategy
- Lower Sacramento River/Delta North Regional Flood Management Plan Corridor Management Framework
- Cache Slough Complex Habitat Conservation Plan
- Cache Slough Public Access Recreation Action Plan
- Upper Yolo Bypass Planning
- Yolo Bypass Cache Slough Master Plan

Questions





Yolo Bypass Cache Slough Master Plan Administrative Draft Overview

Department of Water Resources

April 12, 2024

Overview of Admin Draft Yolo Bypass Cache Slough Master Plan (Master Plan)

- Current Status of Master Plan
- Scope and Intent of Master Plan
- Visual Identity and Ideas
- Outline of Admin Draft Master Plan
- Ongoing Follow Up
- Master Plan Schedule



Current Status of Admin Draft Master Plan

- Released for review by YBCS Partnership representatives and interested Tribes on Dec. 15, 2023. Comment period closed on Jan. 26, 2024.
- Appendices and figures released Feb. 28, 2024. Received comments on the appendices and figures through April 10, 2024 (now closed).



The Master Plan is



- A programmatic framework for implementing multi-benefit activities
- Written from the State's perspective, working within the YBCS Partnership's collaborative approach

The Master Plan will

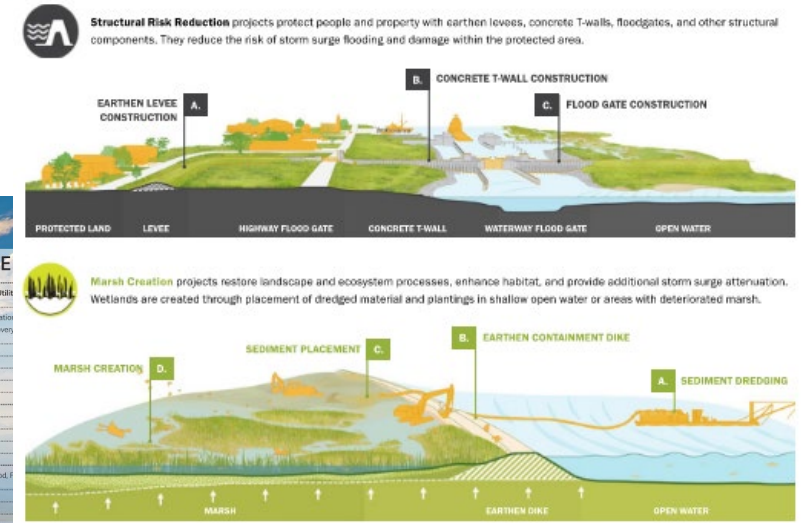
- Guide continued project planning and implementation consistent with the CVFPP and Conservation Strategy
- Describe a path to achieve the YBCS Partnership Vision
- Describe benefits provided by collective structural and nonstructural improvements
- Inform the USACE Yolo Comprehensive Study

Visual Identity and Ideas

- Graphics under development
- Future draft will have graphical layout



PROJECT TYPES



PLAN GOALS



PLAN OBJECTIVES



A 6 YEAR CYCLE FOR A LIVING PLAN
Updating the plan every six years ensures that the latest science, data, and stakeholder considerations are incorporated to continuously improve the master plan's impact and make the case for additional funding.



Visual Identity and Ideas - 2

Inspired by other award-winning Master Plans

- Landscape format with photos and figures
- Plain language
- Main document ~ 100 pages
- Formatted for accessibility
 - Americans with Disabilities Act (ADA)



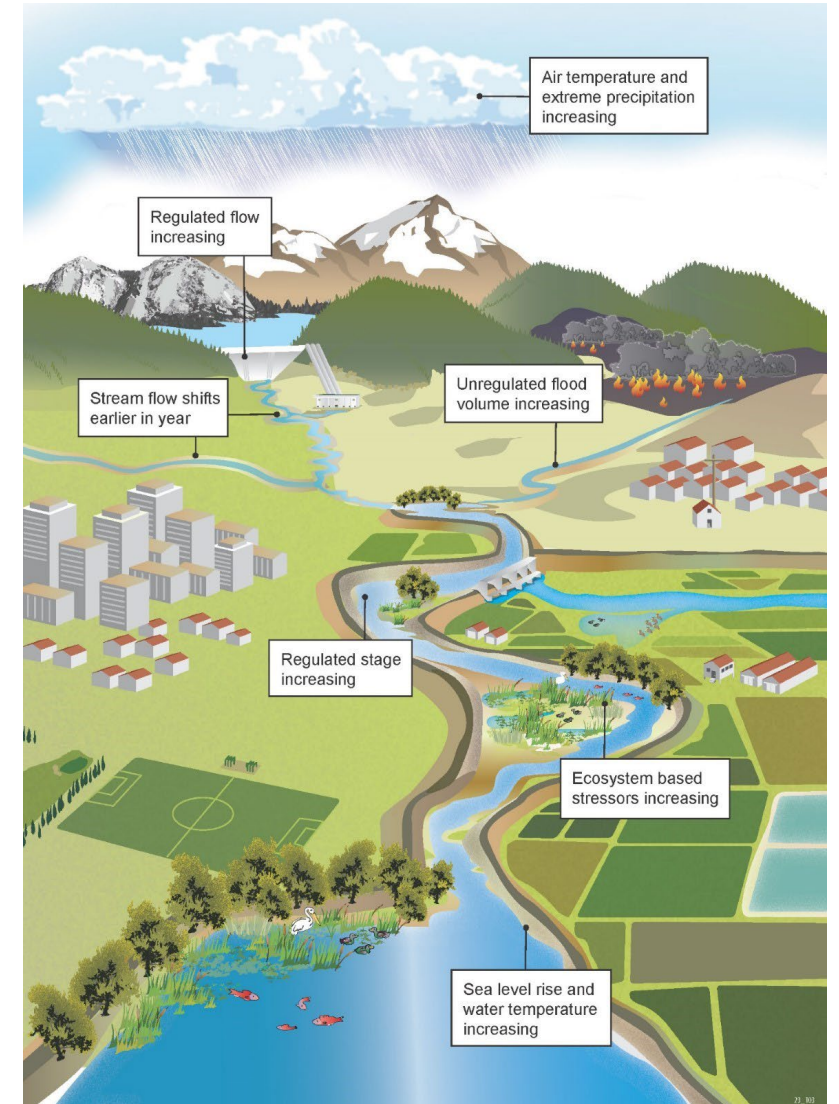
Admin Draft Outline as of December 2023

1. Introduction
 2. Programmatic Planning
 3. Multi-Benefit Project
Implementation
 4. The Path Forward
 5. References
- Appendices



1. Introduction

- Scope and purpose
- About the Yolo Bypass Cache Slough Region
- Importance of partnerships
- Local, State, Federal perspectives and Tribal engagement



2. Programmatic Planning

- Aligned plans and efforts related to the Yolo Bypass
- A Shared Planning Process
 - YBCS Partnership
 - Federal Planning Process
 - State Planning Process
 - Regional and Local Planning Processes
 - Tribal Engagement



3. Multi-Benefit Project Implementation

- Outcome-based framework for developing multi-benefit projects
- Actions that advance shared priorities and outcomes
- Effective phasing for multiple benefits
- Comprehensive long-term management approaches
- Regulatory compliance strategies
- Funding needs and opportunities



4. The Path Forward



- Successful implementation requires continued collaboration at every level of government.
- Collaboration is necessary for effective management of the Yolo Bypass Cache Slough Region

5. References

Appendices

- A. Related Water Management Plans and Efforts
- B. Project and Plan Summaries
- C. Hydrologic and Hydraulic Analysis
- D. Ecosystem Baseline Report
- E. Supplemental Information for Flood Management Operations and Maintenance



Admin Draft Comments Received as of March

- Lower Sacramento River Delta North Regional Working Group
- Yolo County
- Solano County
- Solano County Water Agency
- California Department of Fish and Wildlife
- Central Valley Regional Water Quality Control Board
- US Bureau of Reclamation

Ongoing Follow Up

- Facilitate working sessions with Admin Draft Reviewers to discuss submitted comments on the Admin Draft
- Continue outreach to discuss further engagement needs, including Tribal
- Coordinate with USACE to align and leverage related communication and engagement/outreach efforts

Master Plan Schedule





Questions / Comments

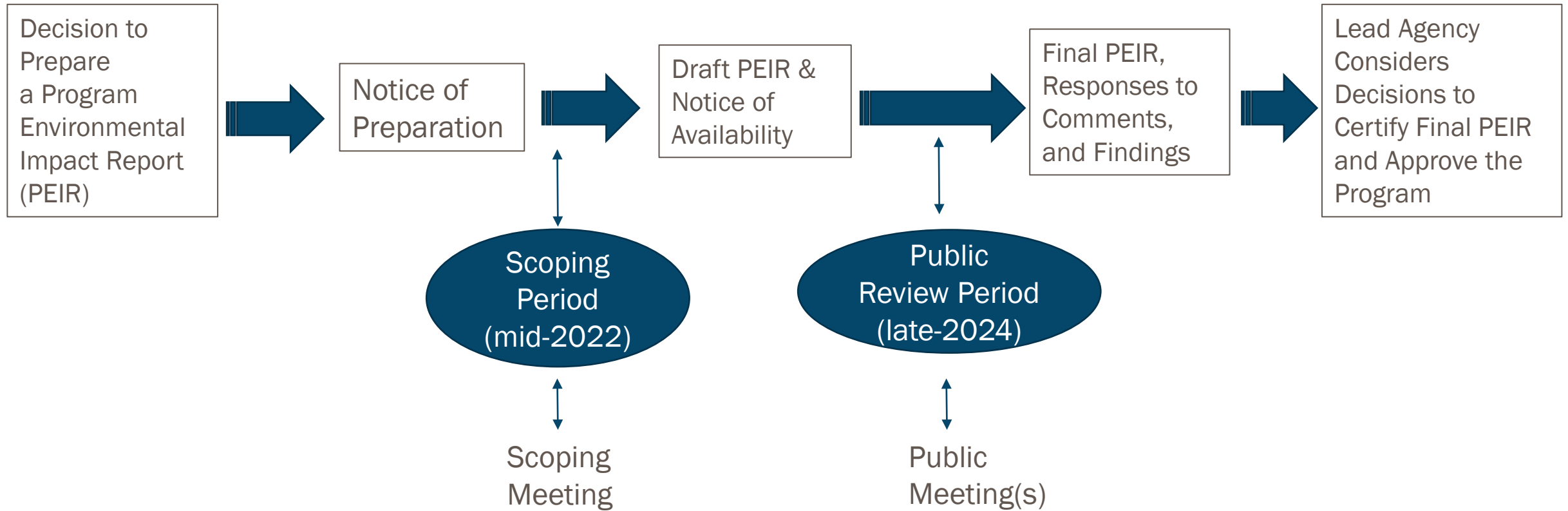
Yolo Bypass Cache Slough Master Plan Administrative Draft

Environmental Compliance and Tribal Engagement

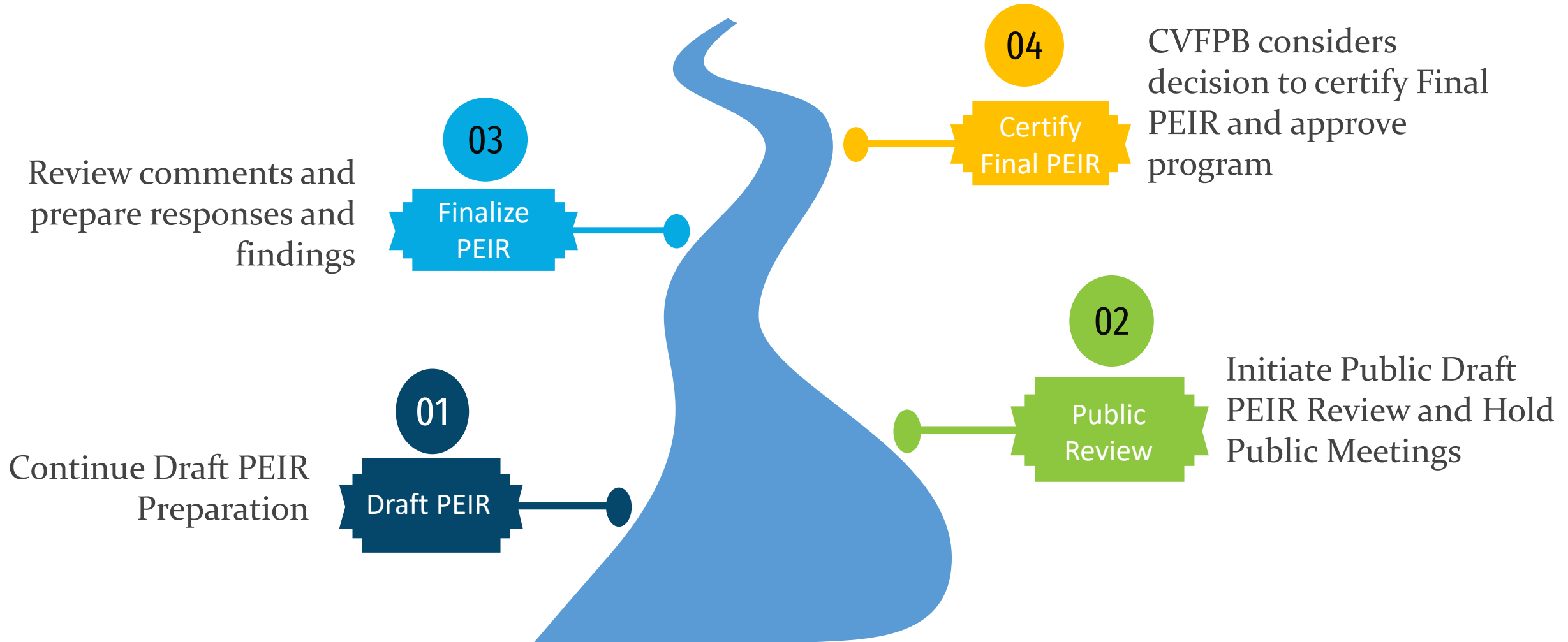
Master Plan California Environmental Quality Act (CEQA) Compliance

- A Program Environmental Impact Report (PEIR) will be prepared to evaluate the YBCS Master Plan.
- The PEIR's purpose is to consider and evaluate the potential actions and concepts identified in the Master Plan at a programmatic level.

Program CEQA Process



Next Steps in the CEQA Process



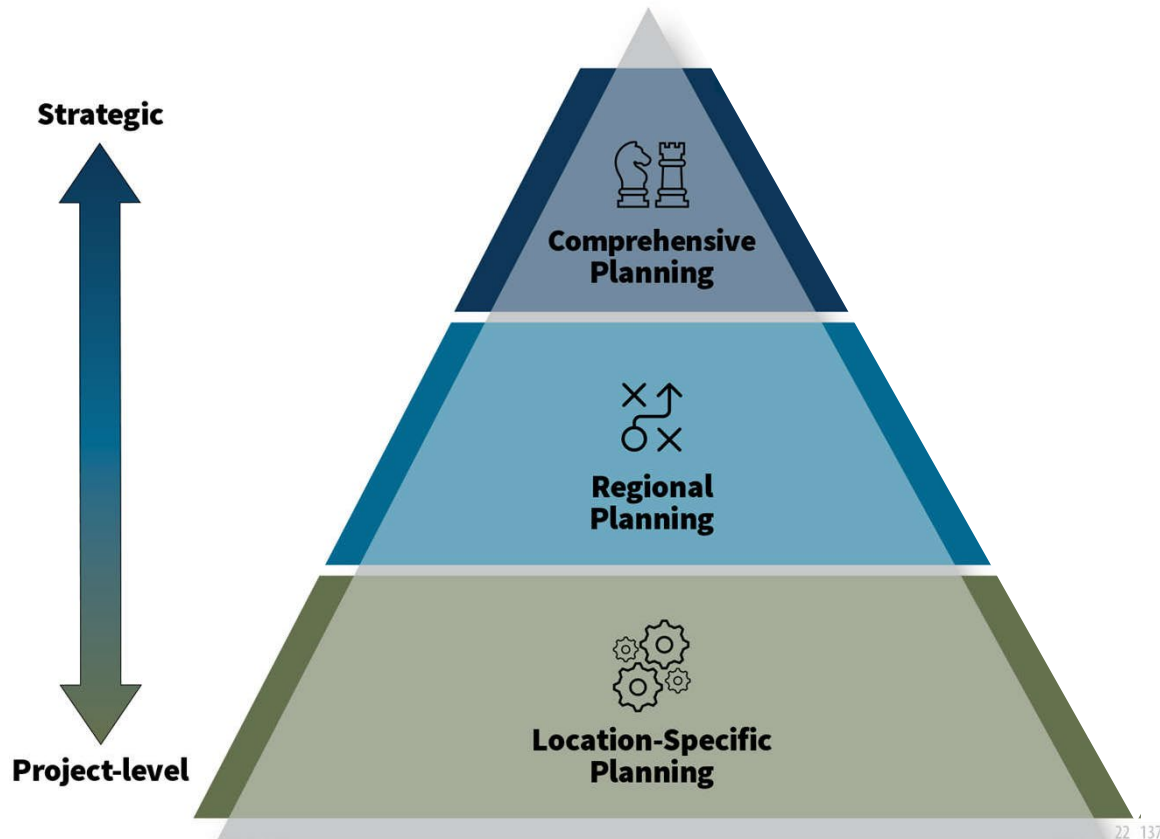
Tribal Engagement and Government to Government Consultation

- CNRA Tribal Consultation Policy
- AB 52 initiated August 2022 (3 Tribes)
- Initial Meetings held (Fall 2022)
- Tribal Informational Meetings (May 2022 and January 2024)
- Early Tribal input included in Administrative Draft Master Plan
- Continuing communications with 14 Tribes
- Ongoing/future input may support Master Plan, PEIR and proposed projects

Questions?

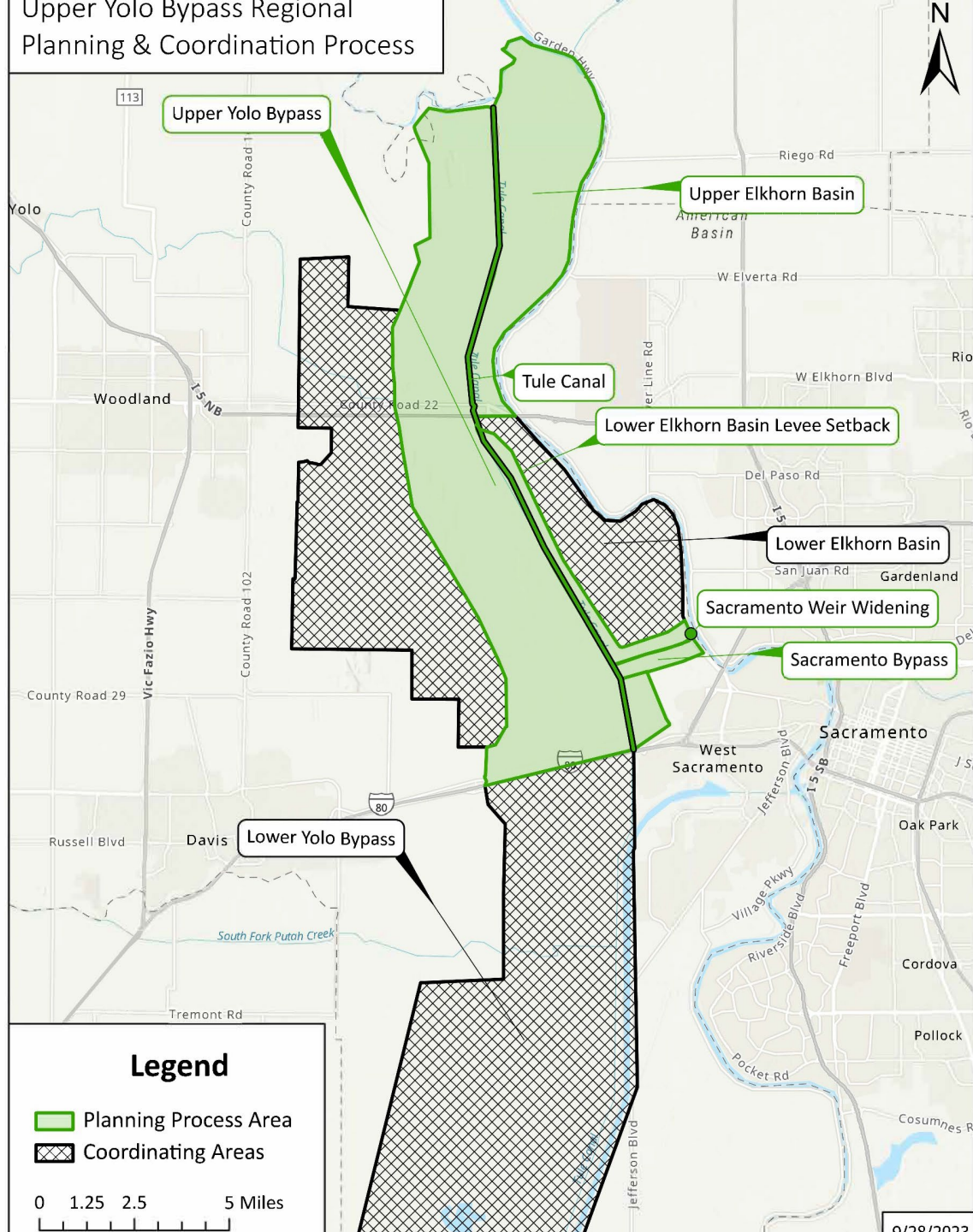
Upper Yolo Bypass Planning Process

Planning Context & Alignment



Plans and alternatives for improvement underway through various regional, state, and federal efforts

- **Federal:** U.S. Army Corps of Engineers (USACE) Yolo Bypass Comprehensive Study
- **State:** Central Valley Flood Protection Plan and Yolo Bypass Cache Slough Master Plan
- **Local + Regional:** Upper Yolo Bypass Regional Planning and Coordination Process



Upper Yolo Bypass Planning Process

- Started in May 2023 with grant from DWR to partner with Sacramento Area Flood Control Agency (SAFCA)
- How to improve flood risk management, agriculture, habitat, water supply and quality, and recreation in the Upper Yolo Bypass (Fremont Weir to I-80).
- Outcome is a Local Preferences Memo and associated Non-Federal Sponsor Plan
 - Critical to ensure that local needs are documented and included for state and federal consideration.
 - Supports non-federal sponsor recommendations in USACE Comp Study

Planning Background



6,900 acres, primarily used for agriculture



20+ landowners/tenants with varying sizes of property
~20 homes in the basin and several farm structures



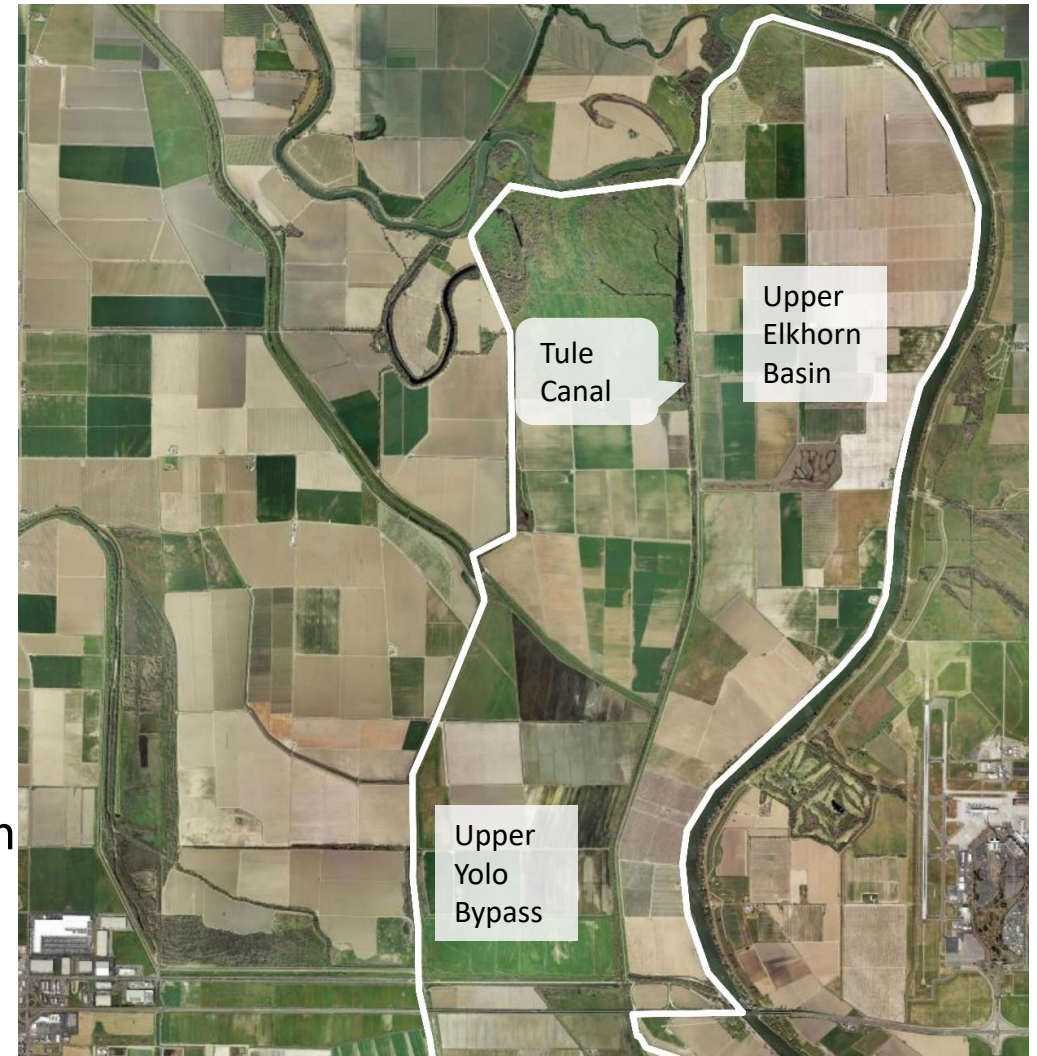
5 conservation easements



2 mitigation banks - 187 acres of valley elderberry
longhorn beetle habitat and 114 acres of 404 mitigation



11.5 miles of Tule Canal within Planning Area;
extends from Fremont Weir downstream to its
crossing at I-80





Steering Committee Membership

- **DWR** – Mary Jimenez, David Pesavento, Steve Rothert
- **CVFPB** – Ruth Darling
- **Yolo County** – Sabrina Snyder
- **RD 1600** – Michele Clark
- **SAFCA** – Gary Bardini, Melanie Saucier
- **Consultant Team Support**
 - LWA, HDR, ICF, Wood Rogers, Kearns & West
 - Eric Nagy, Tom Chapman, Megan Murray, Gregg Ellis, Ric Reinhardt, Terra Alpaugh, others

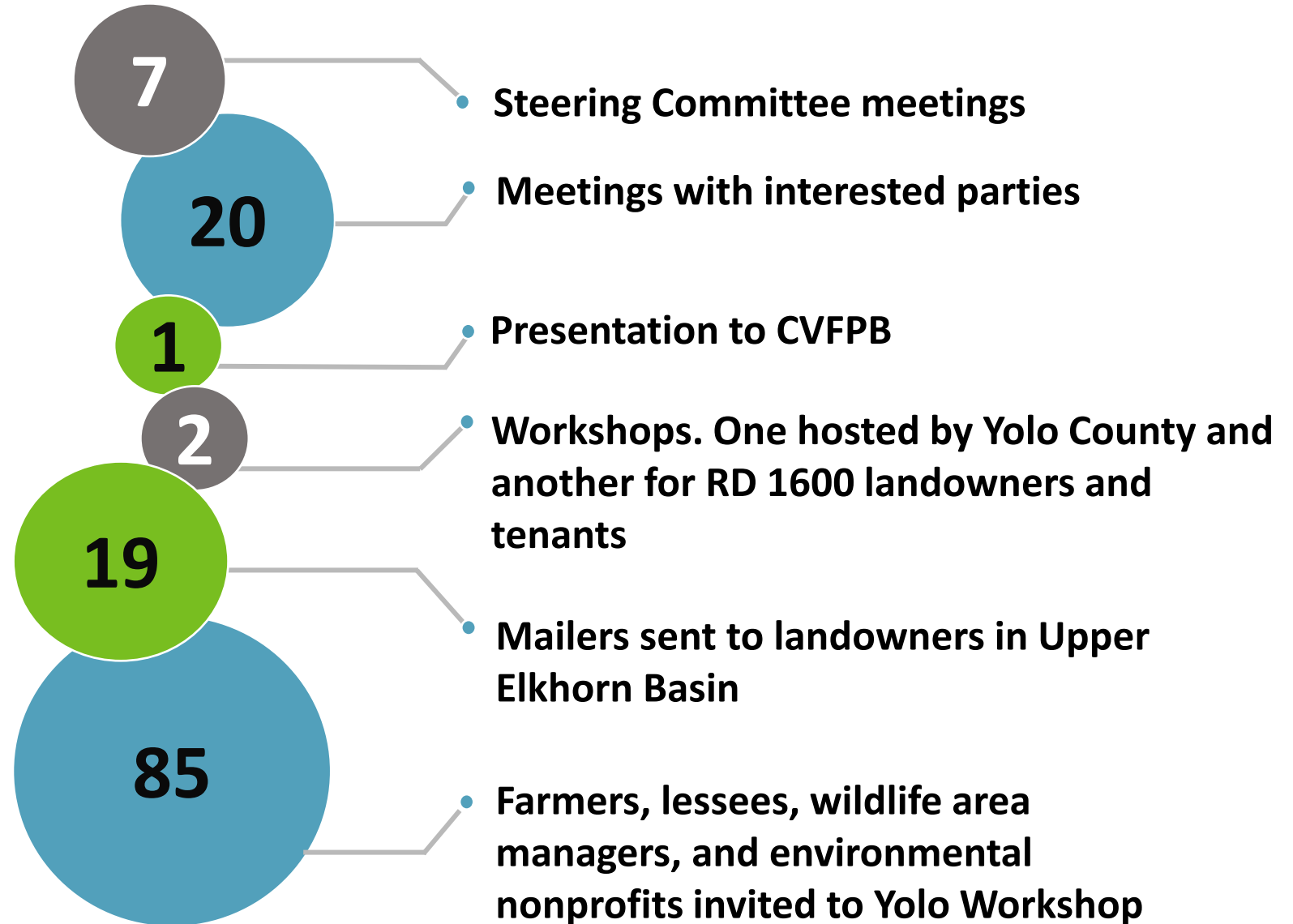


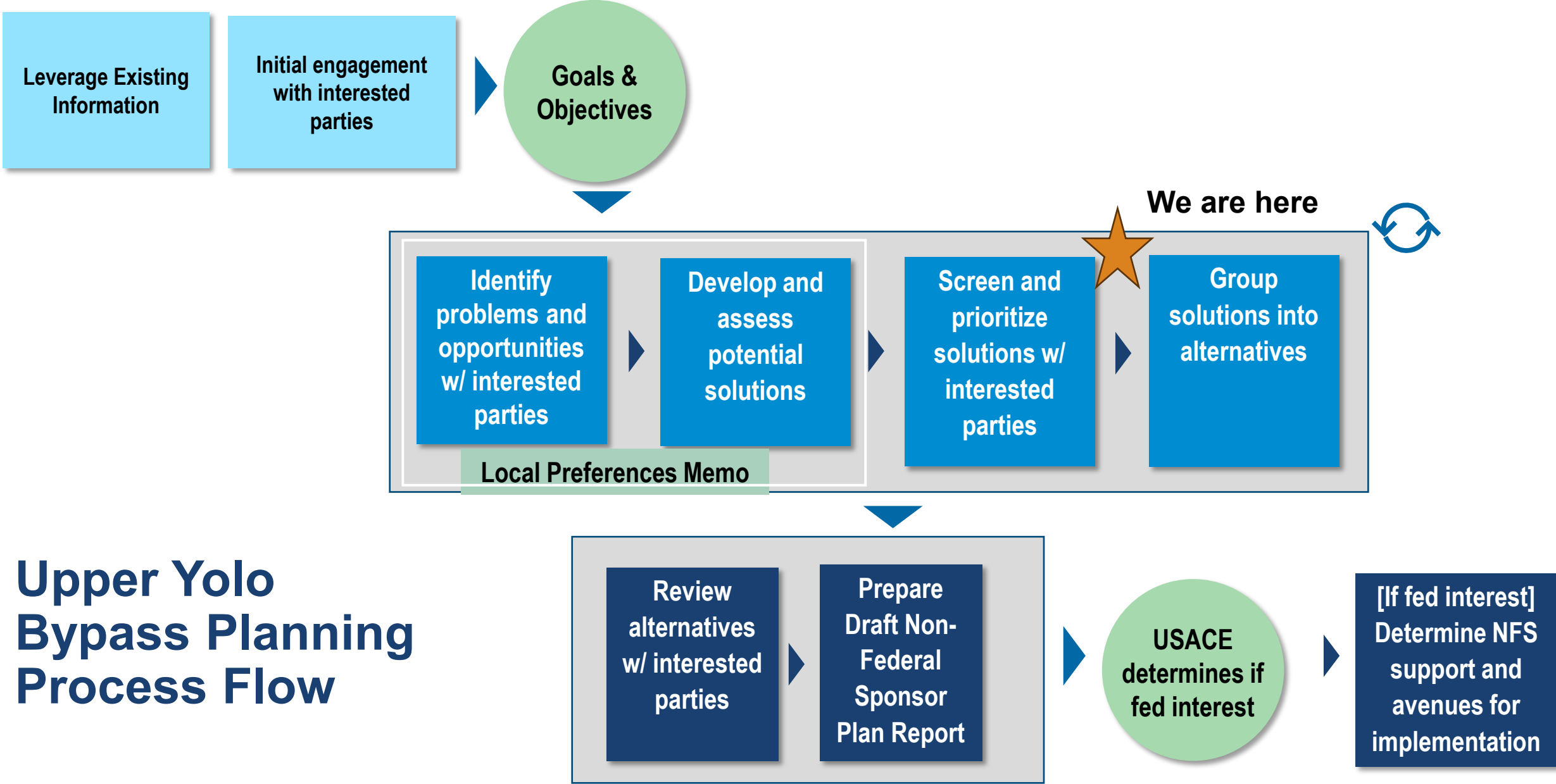
Interested Parties

- Representing diverse interests and needs throughout the Upper Yolo Bypass
 - Yolo County
 - Reclamation Districts 1600, 537, 2035, 900, 1000
 - Yolo Land Trust
 - Sac Valley Conservancy
 - Ecosystem Investment Partners
 - Conaway Ranch
 - City of Woodland
 - Cal. Dept. of Fish and Wildlife
 - Farmers
 - Landowners and Tenants
 - Yolo Flood Control & Water District

Presentation to Yolo Bypass Landowners in October 2023

Outreach and Engagement by the Numbers





Local Preferences Memo

- Documents outreach process
- Notes questions and concerns about the proposed flood control features and Tule Canal options
- Defines locally preferred activities within Upper Yolo Bypass and adjacent areas
- Reviewed by Steering Committee
- Out for additional review from RD 1600 Board, Upper Yolo Bypass landowners, and others



Tule Canal Looking South

Summary of Planning Constraints



- **Avoid or minimize:**

- Unacceptable hydraulic impact to flood system downstream of the Fremont Weir.
- Disturbance to private property. Keep as much land as possible in private ownership and maintain existing uses.
- Disturbance to existing habitat mitigation areas.
- Disturbance to existing managed wetlands.
- Impacts to RD 1600 O&M assessment revenue.
- Reduction in property tax revenues collected by Yolo County.
- Impact to existing agricultural conservation easements.
- Impact to farming during construction and operations post-construction.
- Farmland as borrow areas.

Summary of Locally Requested Activities From Outreach

3

Mitigation Measures. Activities and processes needed to ease project impacts.

22

Projects. On-the ground modifications.

4

Actions. Non-structural activities (e.g., a funding strategy, committee, or maintenance plan).

Local Preferences To Date

Mitigation Measures Examples

- Investments to bring fallow lands into production
- Support Implementation of the Yolo Habitat Conservation Plan

Project Examples

- Levee repairs in RD 1600 and Knights Landing Basin
- Pump station upgrades for RD 1600
- Groundwater recharge projects
- Fremont Weir Wildlife Area access improvements

Action Examples

- Investments to increase productivity of existing agriculture lands/improvements to agriculture infrastructure
- Identify potential revenue streams for operations and maintenance

Tule Canal Outreach Summary

- Interested parties would like a Tule Canal Operations & Maintenance plan
 - Define responsibilities and entities
 - Identify potential revenue streams
- Any proposed changes to Yolo Bypass should be compatible with Tule Canal functions (drainage, water supply delivery, etc.)



Tule Canal near Lower Elkhorn Basin Levee

Process Flow

UPPER YOLO BYPASS REGIONAL PLANNING AND COORDINATION PROCESS

LOCAL INTERESTED PARTIES
provide objectives, ideas, input

TECHNICAL TEAM categorizes
local preferences

STEERING COMMITTEE provides
guidance on local and State objectives
and ideas

Compiled
into **Local
Preferences
Memo**

**Non-Federal
Sponsor Plan**

Elements that
likely have a
federal interest/
justification

Elements that
do not have a
federal interest/
justification

COMPREHENSIVE STUDY PROCESS

US Army Corps will
produce a **Tentatively
Selected Draft**
based on one
or more alternatives
or elements of
those alternatives

Public Comment
Accepted

Federal
Implementation

Other avenues to
implementation

NFS Upper Yolo Planning Process

**Develop and Share
Local Preferences
Memo**

Dec-May 2024

**Prepare Draft NFS
Plan for Steering
Committee Review**

May-June 2024

**Submit Draft Final
NFS Plan for USACE
Consideration**

Fall 2024

**Revise and finalize
NFS Plan based on
USACE Process***

Fall 2025

Notes

- * Steps conditional on federal interest, determined at TSP milestone.
- **Process below shows USACE 3-year timeline but may be extended.

Scoping & Measures

Alt. Evaluation & Analysis

Ongoing Coordination

Sept '23 Dec '23 March '24 June '24 Sept '24 Dec '24 March '25 June '25 Sept '25 Dec '25 March '26 June '26 Sept '26

Scoping & Alt Formulation

Alternative Evaluation & Analysis

Feasibility Analysis of Selected Plan

Washington-level Review

USACE Yolo Bypass Comprehensive Study Process**

Next Steps

- Continued outreach
 - Farm Bureau and Yolo County Landowners Newsletter updates
 - Tribal coordination with NFS partners
 - Additional meetings with Reclamation Districts and Yolo County
- Update Local Preferences Memo with additional feedback
- Prepare Draft Non-Federal Sponsor Plan
- Continue coordination with USACE on Comprehensive Study



Discussion

Thank you

YBCS MASTER PLAN

Master Plan Questions?

- Megan LeRoy, DWR
Email: Megan.Leroy@water.ca.gov
Phone: 279-386-8112

PEIR and Tribal Engagement Questions?

- Megan Giglini, CVFPB
Email: Megan.Giglini@cvfpb.ca.gov
Phone: 916-837-3961

YBCS PARTNERSHIP

Contact:

- Kristyne Van Skike, CVFPB
Email: kristyne.vanskike@cvflood.ca.gov
Phone: 916-914-0174

Join our listserv:

- <https://public.govdelivery.com/accounts/CNR/A/signup/32121>

Partnership questions?

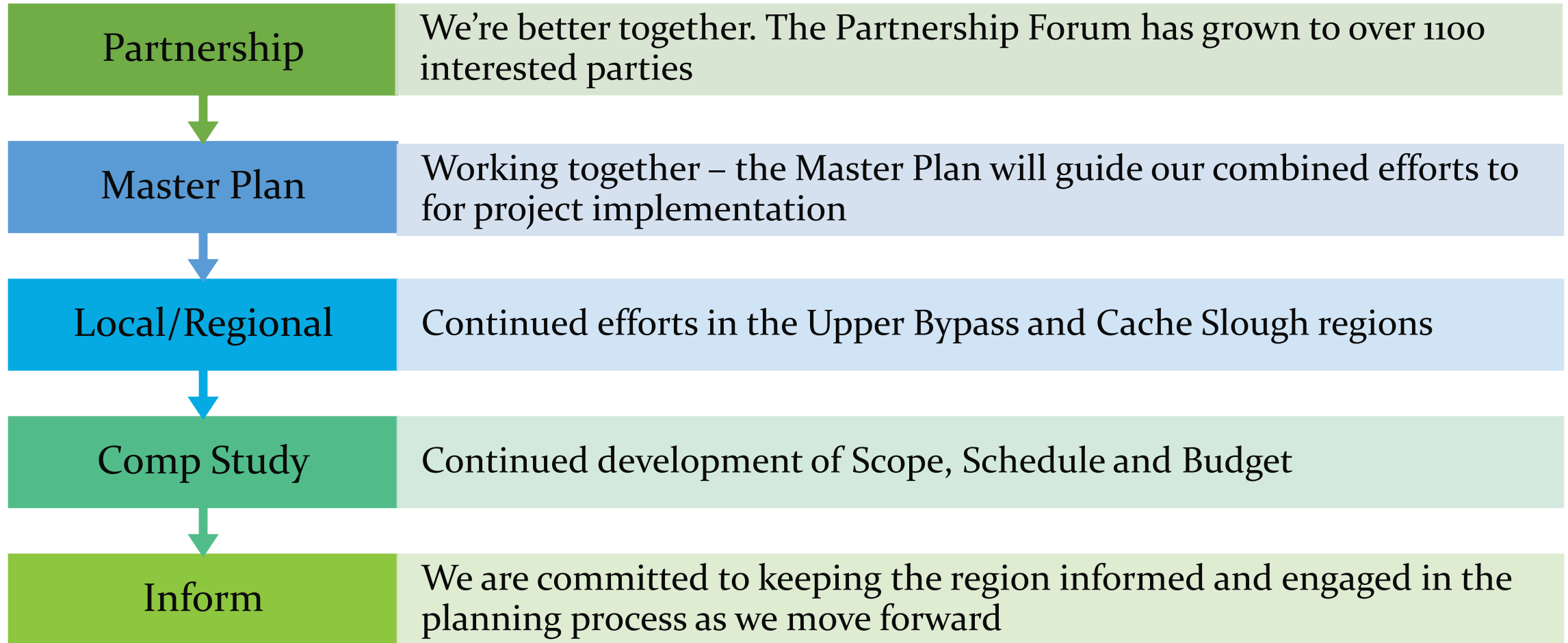
- info@ybcspartnership.org

Website: www.ybcspartnership.org

Federal Yolo Bypass Comprehensive Study

The Federal Yolo Bypass Comprehensive Study presentation is available on the Partnership Website:
www.ybcspartnership.org/resources/

Conclusion – Key Take-Aways



For more information, please visit:

YBCS Partnership

- **Website:** www.ybcspartnership.org
- **Email:** info@ybcspartnership.org
- **Listserv:** <https://public.govdelivery.com/accounts/CNRA/signup/32121>



Upper Yolo Bypass Planning

- **Email:** Saucierm@saccounty.gov or megan.murray@hdrinc.com

Federal Comp Study

- **Website:** www.spk.usace.army.mil/Missions/Civil-Works/Yolo-Bypass/
- **Email:** spk-pao@usace.army.mil

Workshop Recording:

- <https://www.youtube.com/channel/CVFPB>

END OF WORKSHOP – Previous SLIDE - ON
SCREEN