



CENTRAL VALLEY FLOOD PROTECTION BOARD INFORMATION ITEM #9B

March 28, 2025

Presented by:

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Central Valley Flood Protection Board

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California Department of Water Resources

Yolo Bypass Cache Slough Master Plan Release of Public Draft

Agenda Item #9B
March 28, 2025



DEPARTMENT OF WATER RESOURCES

CENTRAL VALLEY FLOOD PROTECTION BOARD



Today's Presentation

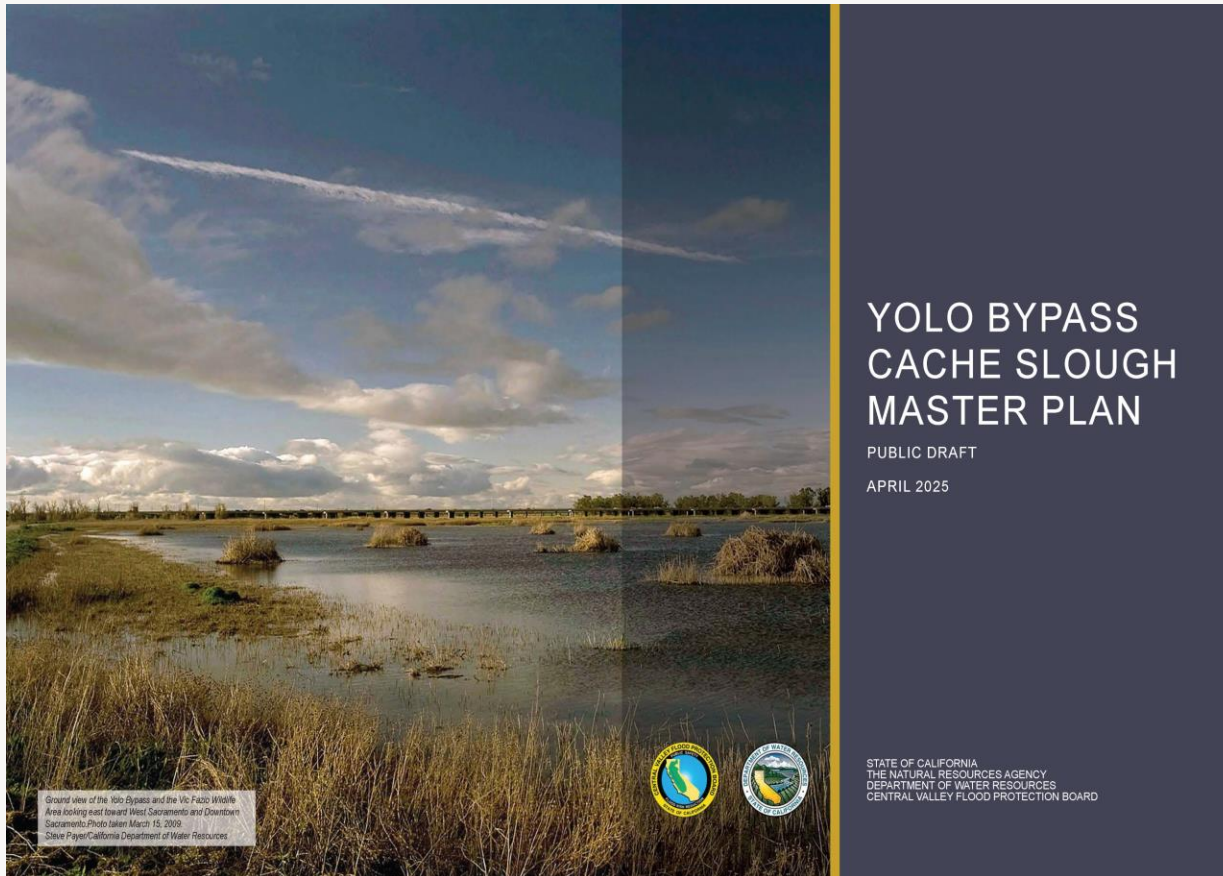
- Background
- Master Plan Overview
- Communication and Engagement
- Public Release Schedule



Tides End, Sacramento San Joaquin Delta



Yolo Bypass Cache Slough Master Plan



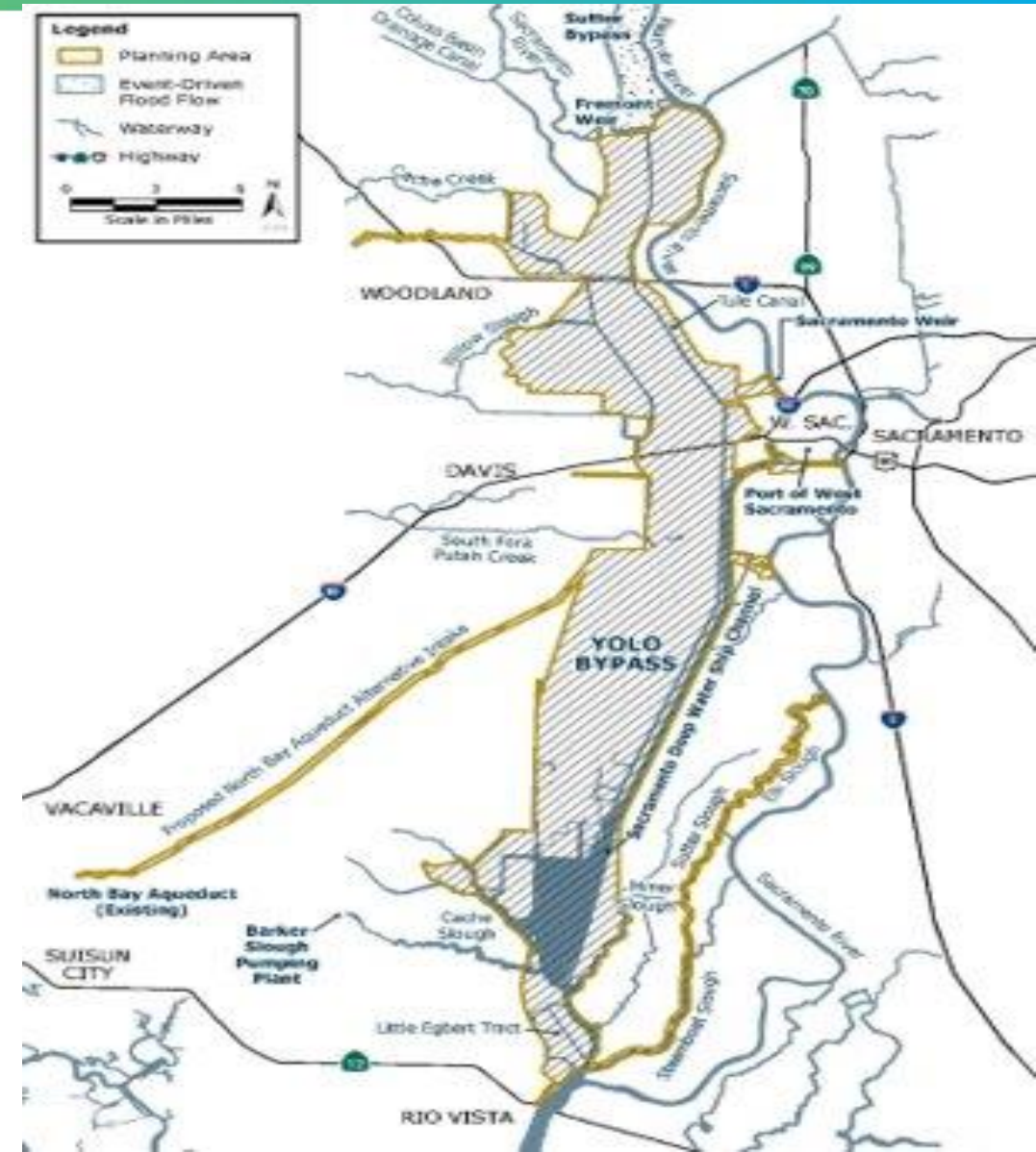
- Upcoming release for public review
- Leverages significant investments and planning, including CVFPP
- Collaboration between public agencies; California Tribes, and other interested parties



Planning Area

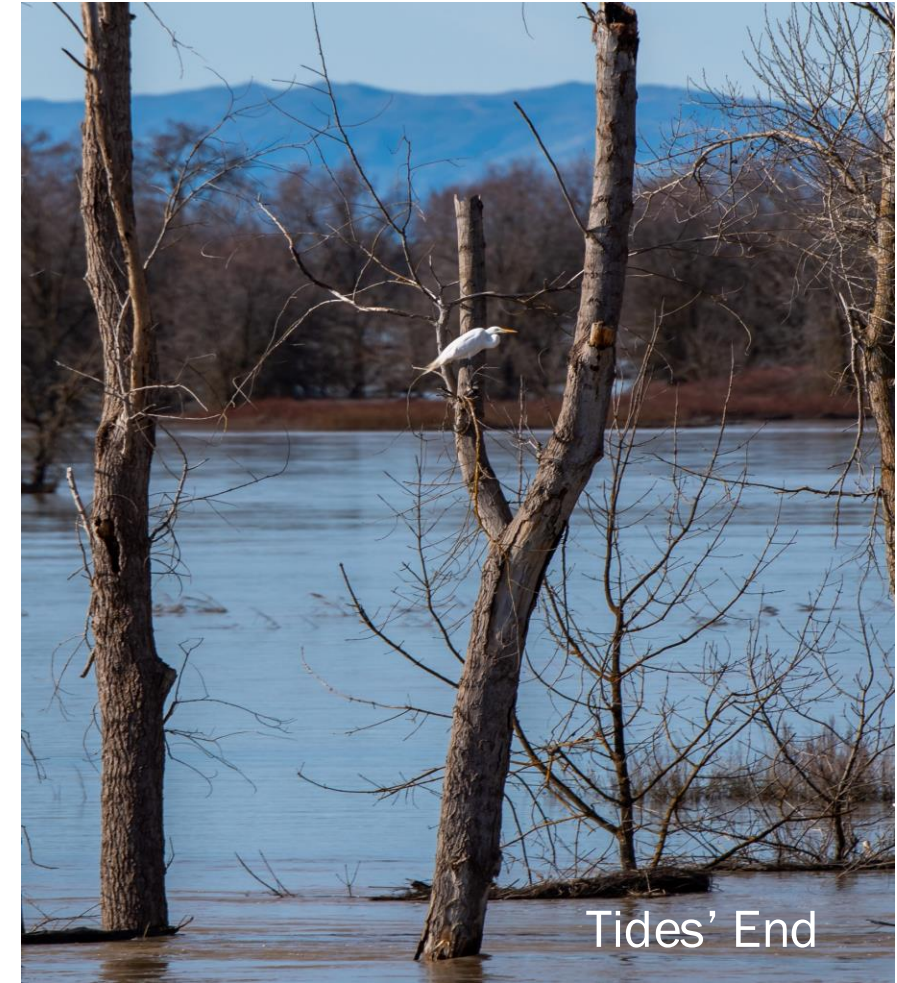
Centered between the Sacramento River, American River, and the Sacramento-San Joaquin Delta, the Yolo Bypass and Cache Slough region is the heart of a vast watershed.

The planning area includes the locations of potential projects described in the Yolo Bypass Cache Slough Master Plan.

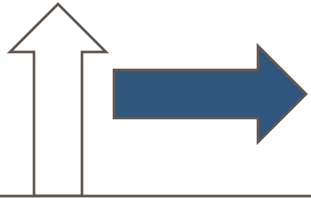


Yolo Bypass and Cache Slough Region

- Major components of the Sacramento River Flood Control Project and State Plan of Flood Control
- Focus of multiple federal, Tribal, state, and local interests
- Multiple projects are underway, proposed, or conceptualized
- Potential bypass expansion identified in the CVFPP

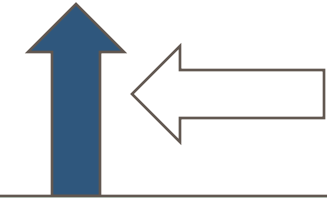


Partnership



Federal Legislation

Multi-Benefit

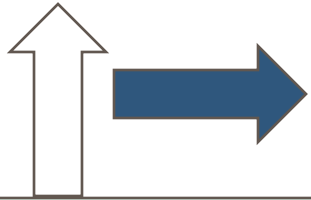


Water Resources Development Act of 2020, Pub. L. No. 116-260, div. AA, 134 Stat. 1182 (2020)

- Authorizes a federal Comprehensive Feasibility Study (“Comp Study”)
 - Currently underway by the USACE
 - Systemwide analysis of the Yolo Bypass region
 - Multi-purpose federal project planning
 - Identify site-specific projects with federal interest
- Formalizes federal participation
- Opportunities for Congress to consider federal authorization and/or funding for additional activities

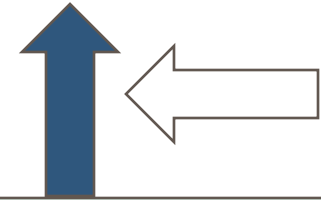


Partnership



State Legislation

Multi-Benefit

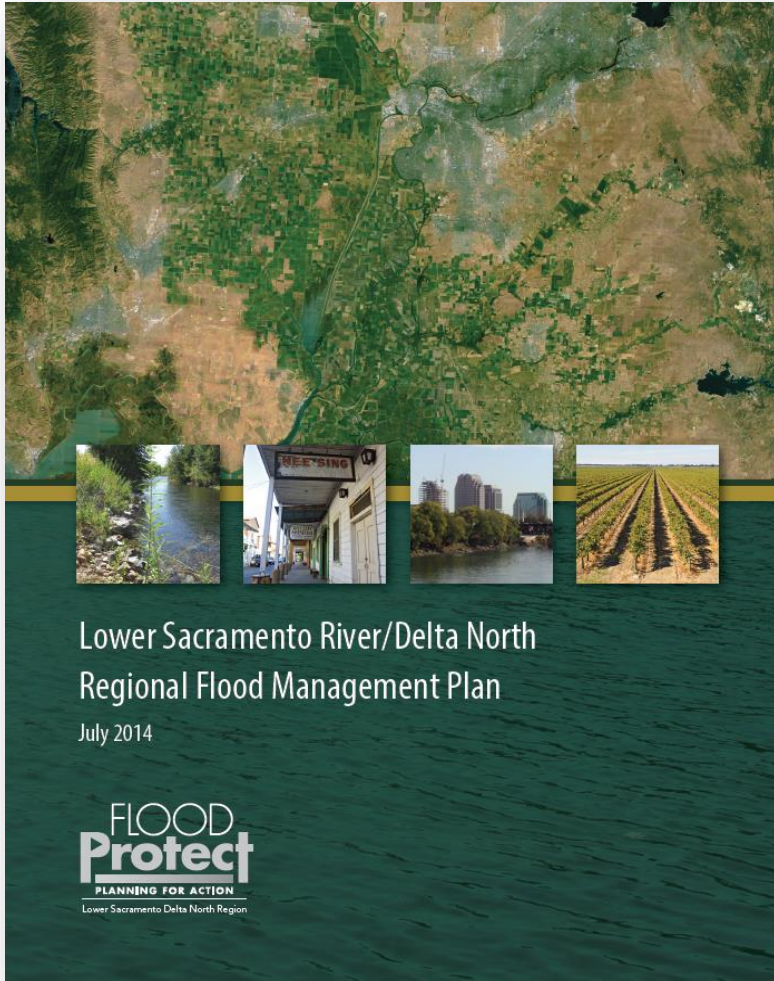


California Water Code §§ 8510-8512, YBCS Partnership Multibenefit Program

- a) Prioritize projects for multiple objectives in the Yolo Bypass and Cache Slough region.
- b) Identify project implementation challenges and work collaboratively to resolve those challenges.
- c) Develop programmatic and expedited approaches for regulatory compliance.
- d) Identify funding mechanisms for project implementation and long-term operations and maintenance.
- e) Develop strategies to foster regional agricultural sustainability, recreational opportunities, and long-term water supply reliability.



Regional Flood Management Planning



July 2014 - Lower Sacramento River/Delta North (LSDN) RFMP identified need for integrated water management planning

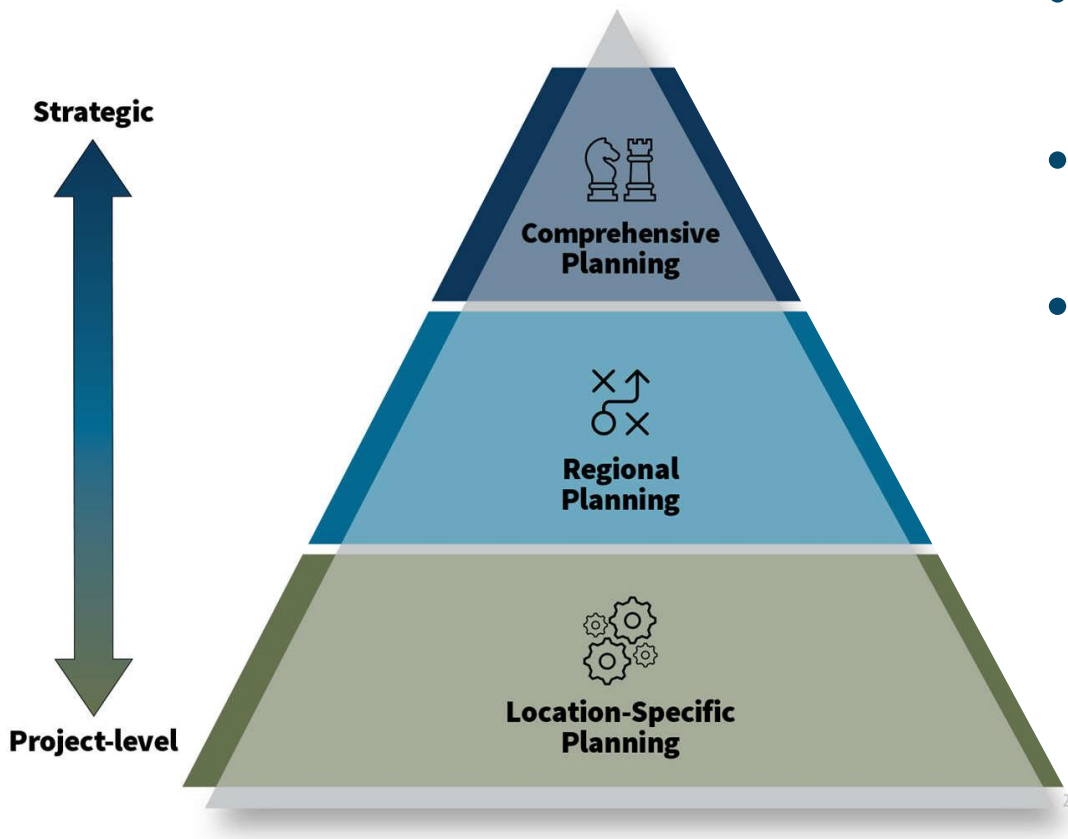
Feb 2015 - Published LSDN RFMP Corridor Management Framework focusing on YBCS

May 2016 - Multiple LSDN RFMP agencies signed onto YBCS Partnership MOU

Today - LSDN RFMP continues to actively participate in activities concerning YBCS Region



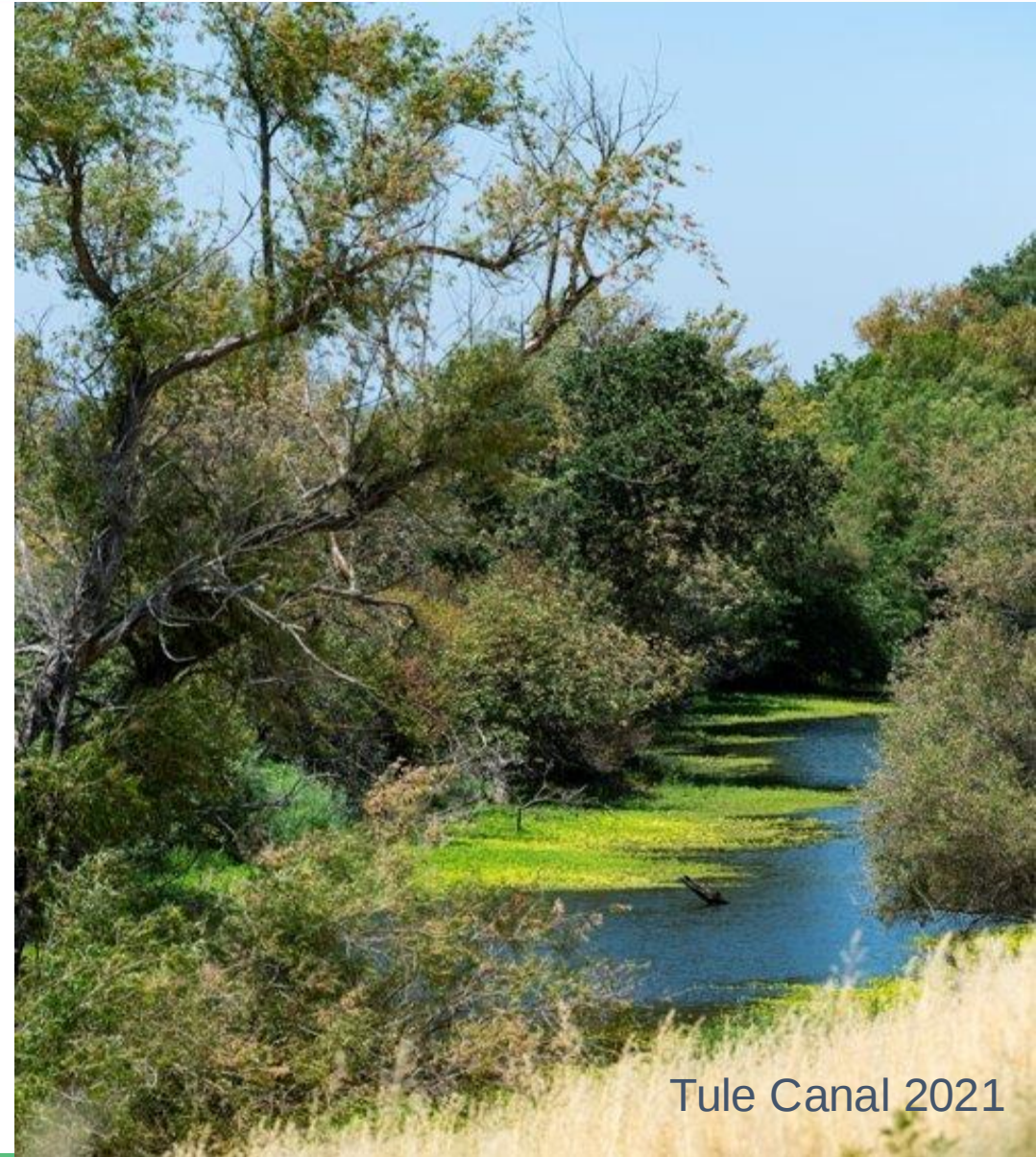
Aligned and Coordinated Planning Efforts



- **Federal:** USACE Yolo Bypass System Comprehensive Study
- **State:** CVFPP and its Conservation Strategy, YBCS Master Plan
- **Local + Regional:** Upper Yolo Bypass Regional Planning, Lower Sacramento River/Delta North Regional Flood Management Plan, Cache Slough Complex Habitat Conservation Plan, and Cache Slough Recreation Plan

Master Plan Purpose

- Guide continued project planning and implementation consistent with the CVFPP and its Conservation Strategy
- Inform the USACE Yolo Bypass System Comprehensive Study
- Support continued efforts to advance the goals of the YBCS Partnership

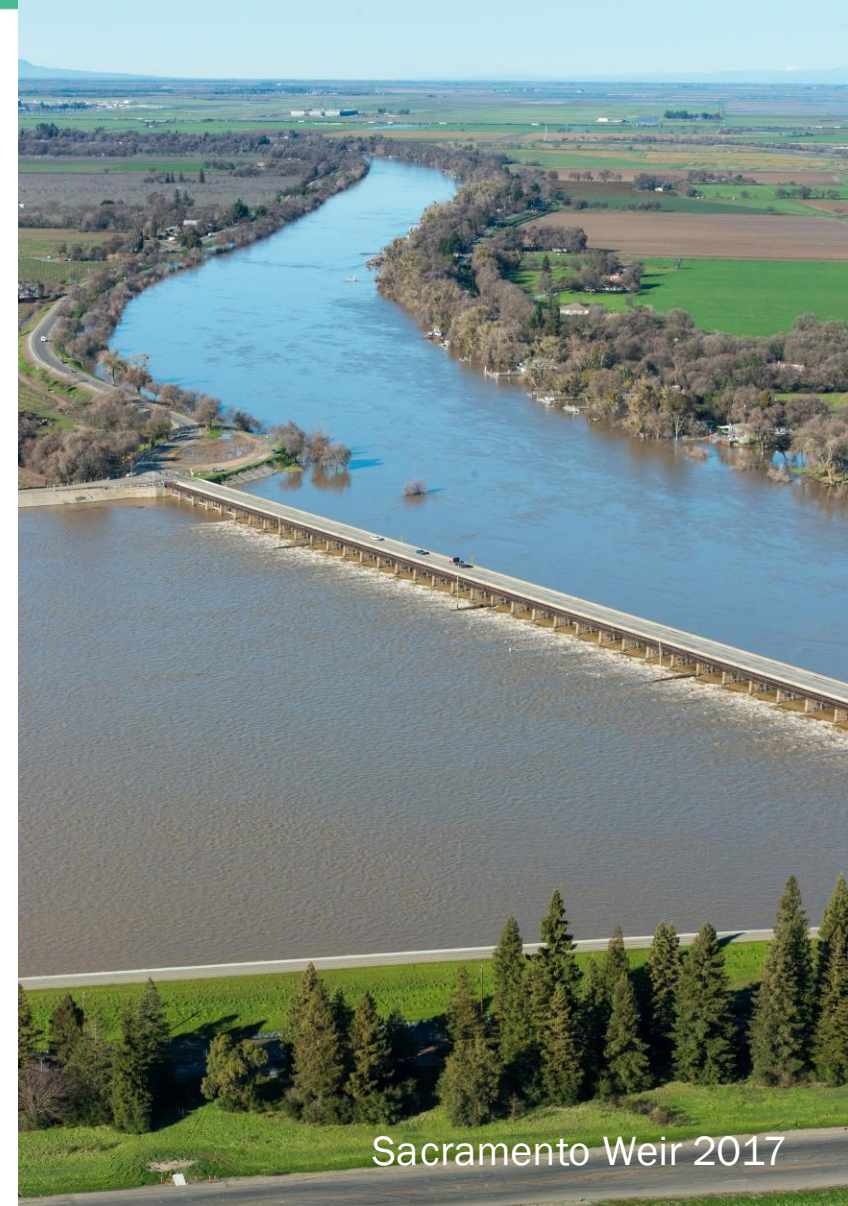


Tule Canal 2021



The Master Plan...

- Is being developed by DWR in collaboration with the CVFPB and with input from:
 - YBCS Partnership representatives
 - California Tribes
 - Other interested parties and public
- Provides a hydrologic and hydraulic analysis and an ecosystem baseline report
- Provides actionable recommendations



Sacramento Weir 2017



Master Plan Admin Draft Reviews

The Admin Draft was released to Partnership Agencies and California Tribes in December 2023

- More than 200 comments were received

Followed by:

- Coordination with Partnership representatives to align efforts
- Two workshop sessions with Partnership and Tribal representatives
- Two additional focused sessions with Tribes
- **Backcheck draft** shared with Partnership and Tribes in August 2024
—received and addressed additional comments
- Meetings with LSDN RFMP, Solano County, and Yolo County



Key Issues from Admin Draft Reviews

- Address Partnership pillars
- Project inclusion and phasing
- Clarity of Master Plan purpose
- Benefits, impacts, and tradeoffs for land conversion
 - Level of detail
 - Cumulative impacts
 - Land conversion from agriculture to habitat
- Funding needs and opportunities



Yolo Bypass Cache Slough Partnership

“Collaboratively implement a series of integrated projects that provide multiple regional benefits.”



Flood



Habitat



Water Quality



Water Supply



Agriculture

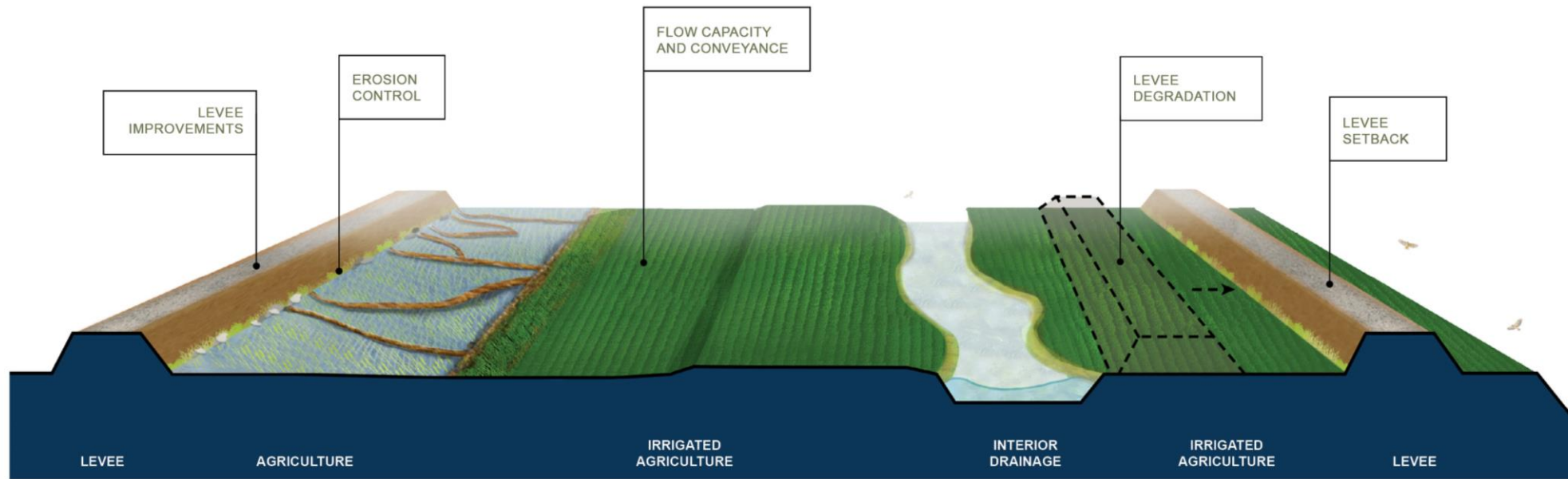


Recreation



POTENTIAL FLOOD PILLAR PROJECT FEATURES

Artistic representation of example features that may contribute to the flood pillar only.
Not a depiction of the intended layout of the future YBCS landscape.



PROJECT OUTCOMES AND COMPONENTS

Potential Benefits

- REDUCE STAGES FOR FLOOD FLOWS
- ADDRESS STRUCTURAL DEFICIENCIES ON LEVEE INFRASTRUCTURE
- IMPROVE FLOOD CONVEYANCE
- REDUCE OR OPTIMIZE FLOOD SYSTEM MAINTENANCE

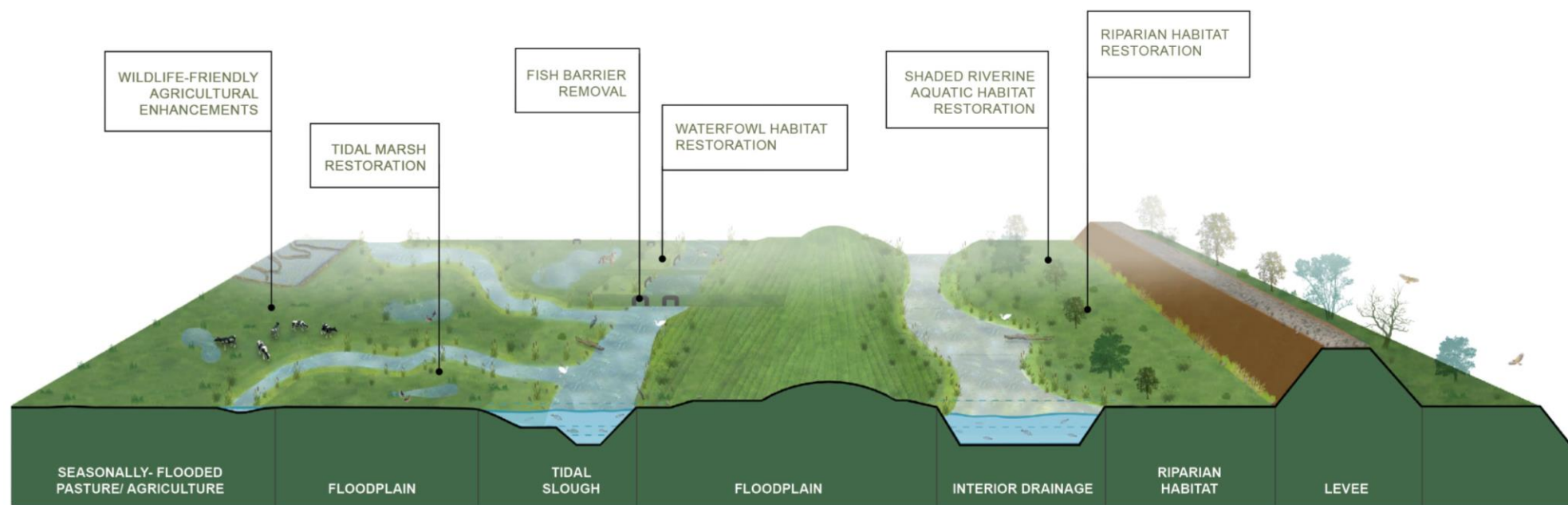
21_200_XIS_Flood_Pillar_A





POTENTIAL HABITAT PILLAR PROJECT FEATURES

Artistic representation of example features in the Yolo Bypass that may contribute to the habitat pillar only.
Not a depiction of the intended layout of the future YBCS landscape.



PROJECT OUTCOMES AND COMPONENTS

Potential Benefits

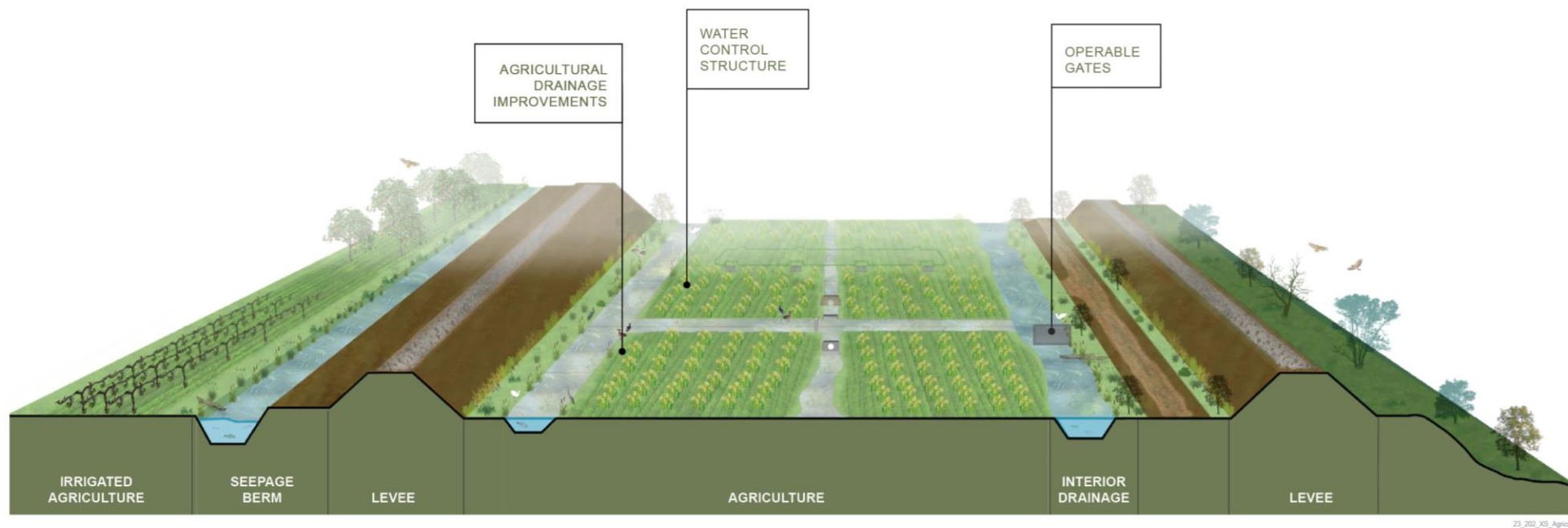
- RECOVERY OF DELTA NATIVE FISHES
- IMPROVE FISH PASSAGE
- REDUCE FISH STRANDING
- MANAGE INVASIVE SPECIES
- IMPROVE WATERFOWL HABITAT
- IMPROVE GEOMORPHIC FUNCTIONALITY
- INCREASE NUTRIENT PRODUCTION & EXPORT
- PROVIDE OPPORTUNITIES FOR TRADITIONAL USES





POTENTIAL AGRICULTURE PILLAR PROJECT FEATURES

Artistic representation of example features that may contribute to the agricultural pillar only.
Not a depiction of the intended layout of the future YBCS landscape.



PROJECT OUTCOMES AND COMPONENTS

Potential Benefits

- IMPROVE QUALITY AND FUNCTIONALITY OF AGRICULTURAL LANDS
- IMPROVE AGRICULTURE AND FLOOD MAINTENANCE ACCESS• IMPROVE IRRIGATION AND DRAINAGE
- IMPROVE DRAINAGE AT EXISTING ROAD CROSSING
- PROMOTE AGRICULTURE AND ECONOMIC DEVELOPMENT
- IMPROVE AGRICULTURE AND MUNICIPAL WATER SUPPLY RELIABILITY
- IMPROVE AGRICULTURAL SUSTAINABILITY



Master Plan Draft Recommendations

- Actionable recommendations
- Support
 - CVFPP implementation in the region
 - Yolo Bypass System Comprehensive Study
 - YBCS Partnership efforts
- Develop more detailed work plans by DWR, the Board, and other partner agencies as funding is secured



Master Plan Draft Recommendation Example

Continue to develop data and tools for analyzing tradeoffs between different land uses for project planning, such as:

- Hydrologic and hydraulic data and tools
- Ecosystem baseline and accounting data and tools
- Ecosystem services data and economic models and related analyses
- Agricultural productivity data



Master Plan Schedule (As of March 2025)

Jan-June 2024

- Admin Draft and appendices
- Partnership and Tribal Engagement
- Board Workshop

July – Dec 2024

- Board Workshop
- Focused Review Sessions
- Tribal Engagement
- Board Workshop

Jan - June 2025

- Partnership Engagement
- Board Presentation
- Public Draft Review - April 2025

July - Sept 2025

- Partnership Engagement
- Focused Briefings
- Board Presentation
- Final Draft



QUESTIONS?



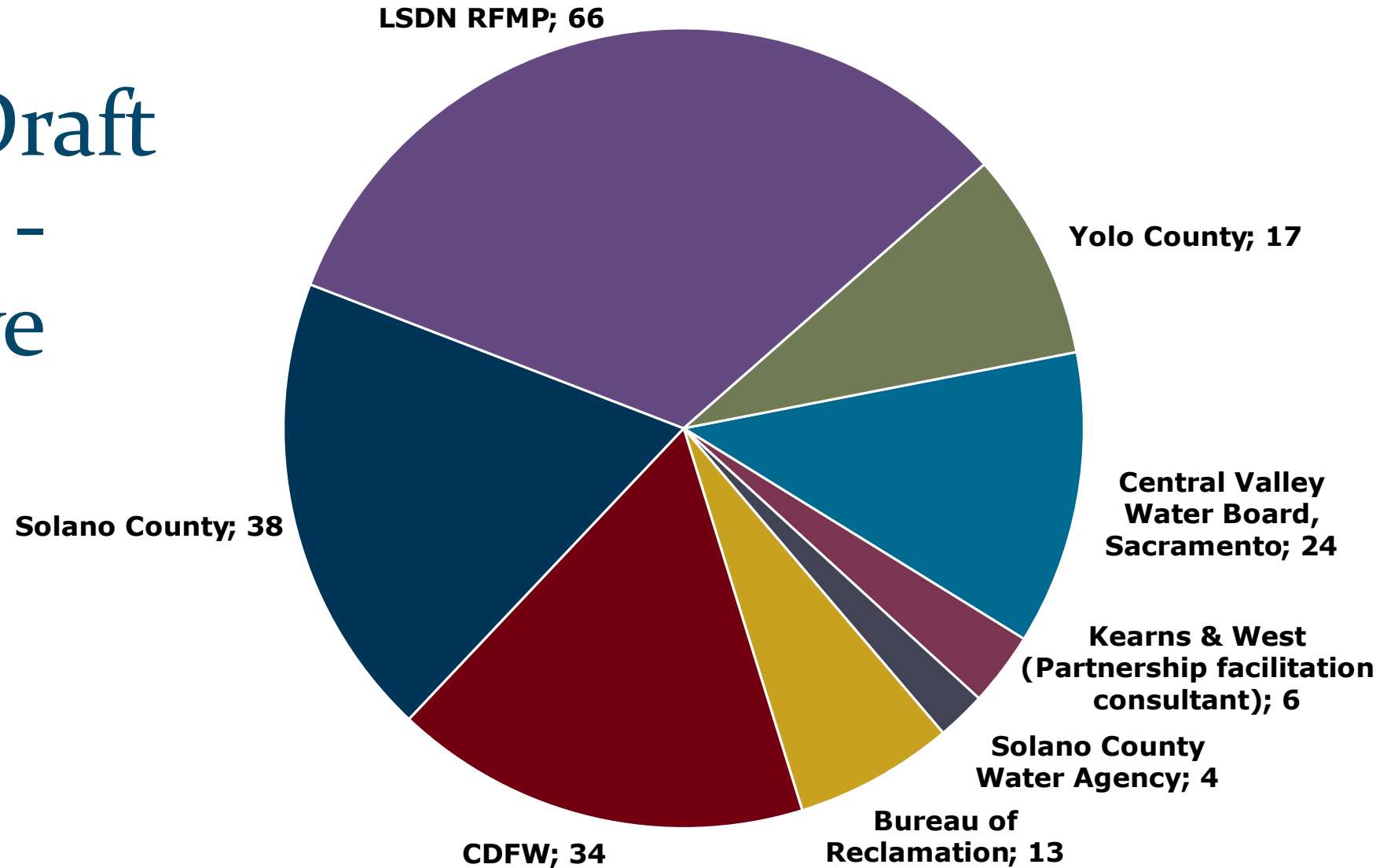
Tides End Yolo Co. 2024



The Yolo Bypass Cache Slough Partnership



Master Plan Draft Development - Administrative Review



California Environmental Quality Act



CVFPB – CEQA Lead Agency

- Notice of preparation and scoping
 - Inform landowners, Tribes, and interested parties
 - Determine the need for a program-level Environmental Impact Report

CEQA Findings

- The YBCS Master Plan is not a regulatory document and has no significant environmental impact
- Therefore, it is not subject to the requirements of CEQA

Tribal Engagement – Early and Often

2022

Pre-AB 52 Info
Meeting,
AB52 Consultations,
PEIR NOP Release

2023

Provided Updates,
Admin Draft Master
Plan Release

2024

Info Meetings,
Partnership Forum,
MP Comment Review
Sessions,
Tribal Workshops,
and More



Tribal Engagement Next Steps

- Planning and management of all 6 Partnership pillars
- Annual planning, operation, and maintenance activities
- Inform and guide future Partnership and project proponent efforts by promoting:
 - Tribal engagement and information sharing
 - Tribal participation early, often, and throughout project development
 - Integration of Tribal knowledge, values, and interests



Master Plan Public Review

Review Period:

- 45-day review for Partnership members and Tribes
 - *March 31 – May 15, 2025*
- 30-day review for public
 - *April 15 - May 15, 2025*
- Response to comments will accompany the final version later this year



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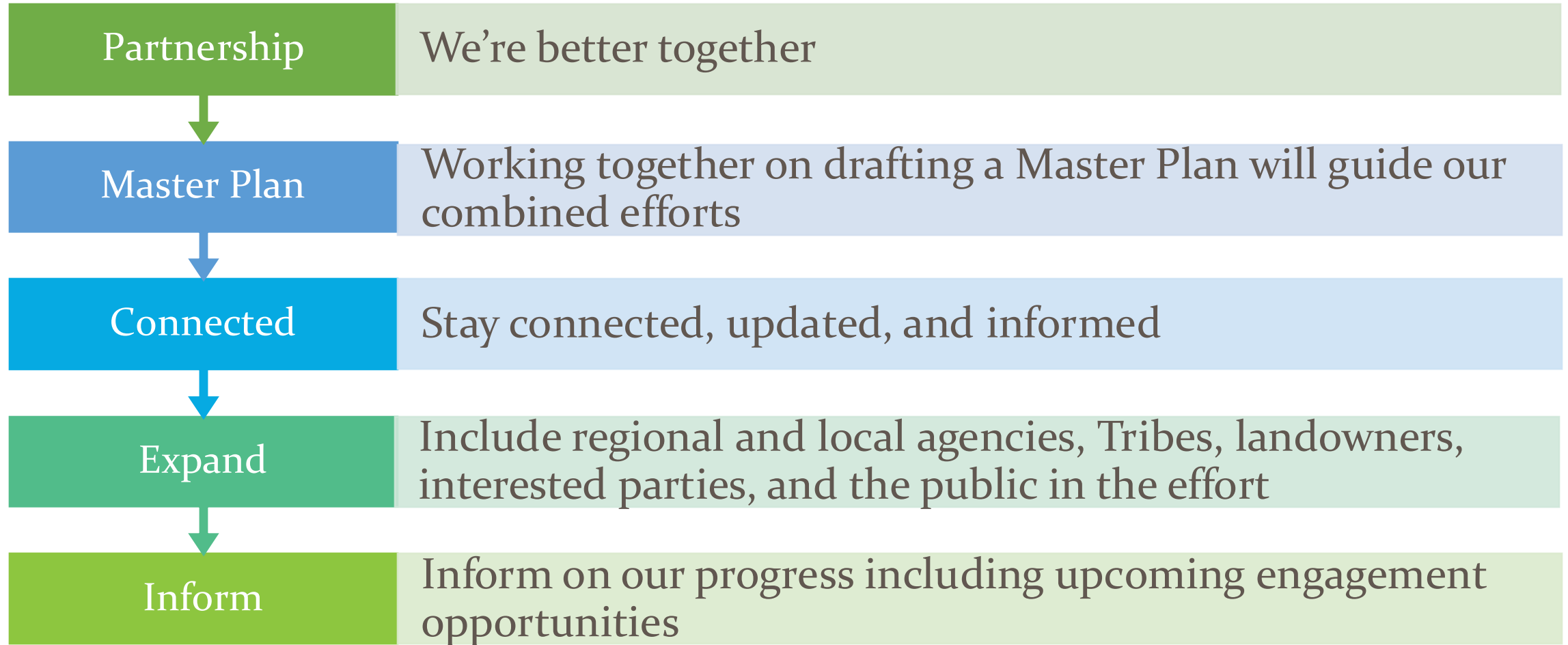


Continued Engagement

- Partnership Member Agencies
- California Tribes
- Interested Parties & Public
- Lower Sacramento/Delta North Regional Flood Management Planning Group
- Local communities & organizations
- Reclamation Districts & Local Maintaining Agencies



Conclusion: Key Take-Aways



Action Items

- ✓ Stay Connected: Please visit the YBCS Partnership website
- ✓ Read and comment: We need your input on the Public Draft Master Plan
- ✓ Contact us: To arrange for a focused briefing, for more information, or to resolve questions



Sacramento Weir



Stay Connected

YBCS Master Plan: <https://ybcspartnership.org/>

Comments or Questions: YBCSMP@water.ca.gov

Master Plan:

Mary Jimenez / DWR

mary.jimenez@water.ca.gov

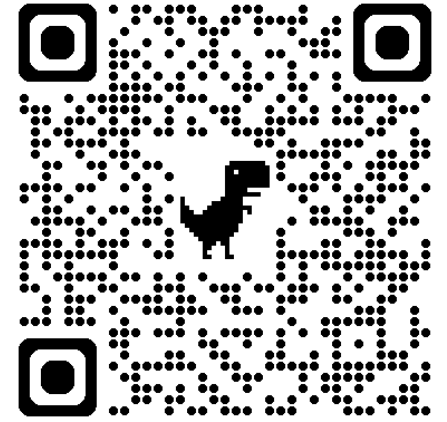
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YBCS Partnership

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