

CENTRAL VALLEY
FLOOD MANAGEMENT
PLANNING PROGRAM



Update on Central Valley Flood Protection Plan Development

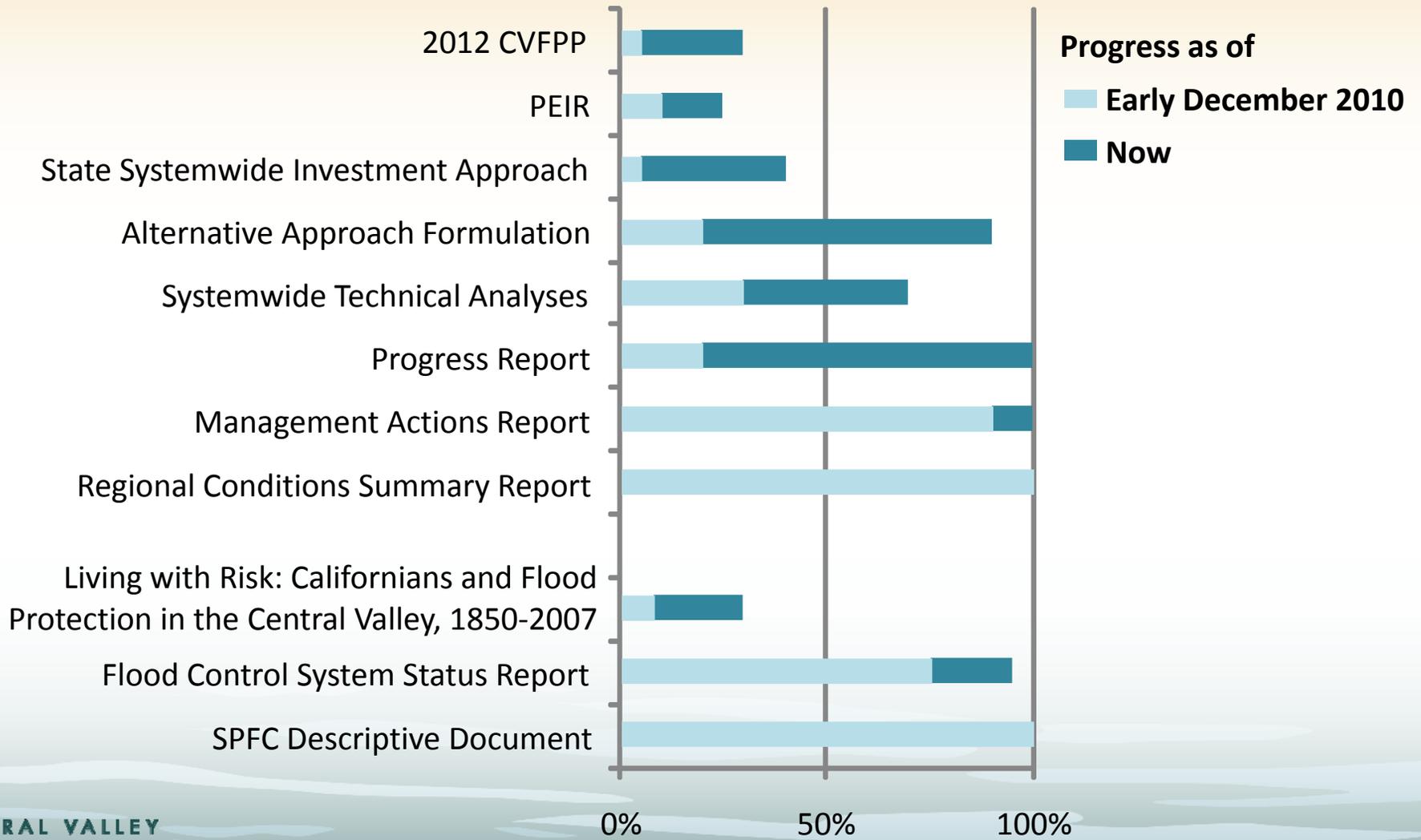
Regional Work Group Briefing

May 2011

Questions of The Day

- What have we been doing?
- How has the Central Valley Flood Protection Plan progressed?
- How can you be involved?

Key Progress



Plan Progression

System Analysis

- Hydrology
- Reservoir analyses
- Levee performance
- Channel and estuarine flow/hydraulics
- Restoration opportunities
- Economic damages
- Life safety
- Flood risk reduction and other benefits

Policy Development

- Flood system policies to provide guidance and consistency in future flood system investment decisions
- Floodplain policies and strategies to address residual risks
- Program strategies and implementation policies to support FloodSAFE core flood management functions

Program Implementation

- Investment strategies
- Federal, State, and local roles and responsibilities
- Cost sharing
- Regional and local project benefits
- Residual risk management

Documentation

- 2012 Central Valley Flood Protection Plan
- Program EIR
- SPFC Descriptive Document
- Flood Control System Status Report
- Living with Risk: Californians and Flood Protection in the Central Valley, 1850-2007
- Appendices and other reference documents

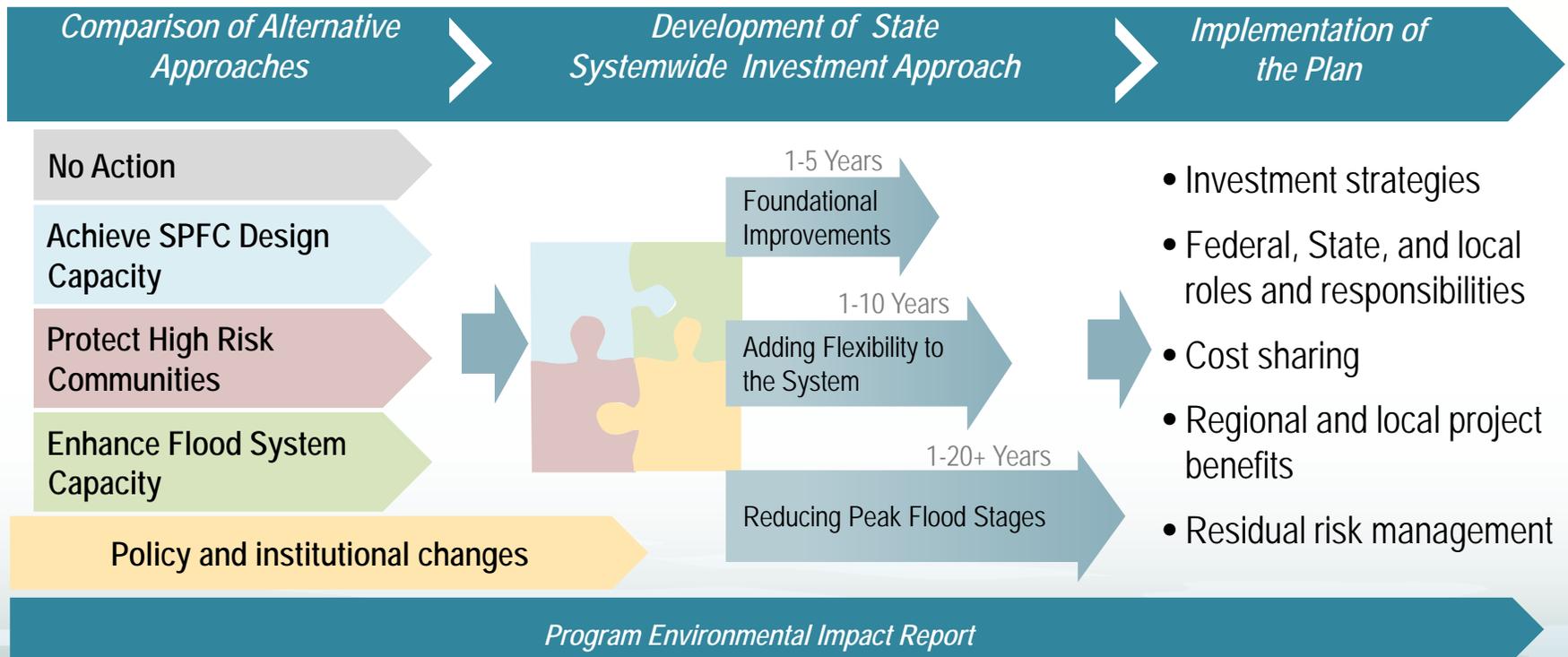
Key 2012 CVFPP Elements

*The 2012 CVFPP will outline the State's **systemwide investment approach** for flood management improvements in the Central Valley*

- System analysis
- Prioritized physical improvements that provide systemwide benefits
- Policy recommendations and guidance
- Implementation

Analysis for State Systemwide Investment Approach

The State Systemwide Investment Approach encompasses aspects of each of the alternative approaches to balance achievement of the CVFPP Goals from a systemwide perspective



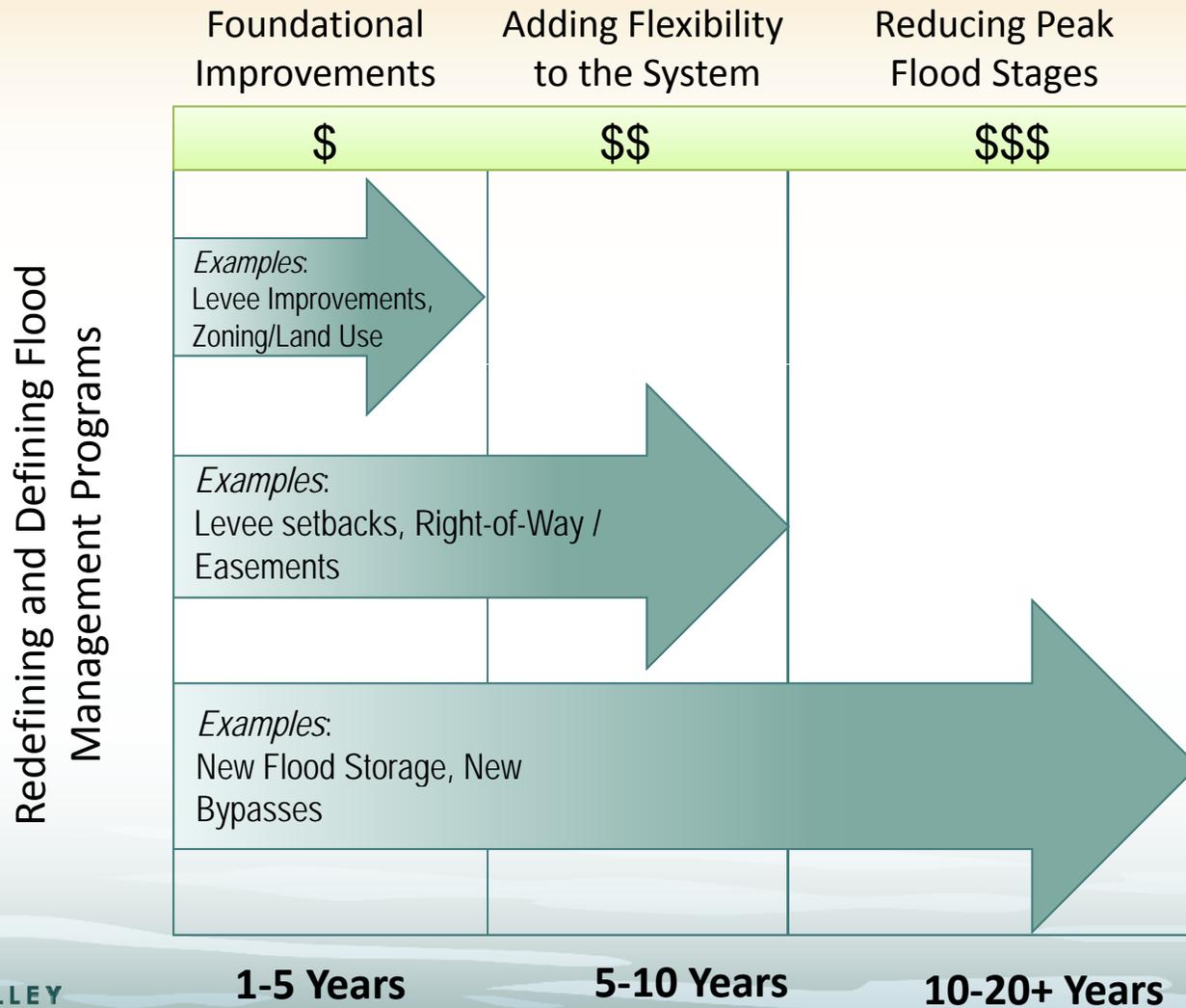
Alternative Approach Key Points

- 3 Alternative Approaches were established to get to more specificity for State Systemwide Investment Approach:
 - **Achieve SPFC Design Capacity** – Address capacity deficiencies and other conditions associated with existing SPFC facilities, without making major changes to the footprint or operation of those facilities
 - **Protect High Risk Communities** – Focus on protecting life safety for populations at highest risk, including urban areas and small communities
 - **Enhance Flood System Capacity** – Seek opportunities to achieve multiple benefits through enhancing flood system storage and conveyance capacity
- Identifies the advantages and disadvantages of combinations of management actions
- Provides opportunities to address the CVFPP Goals to different degrees

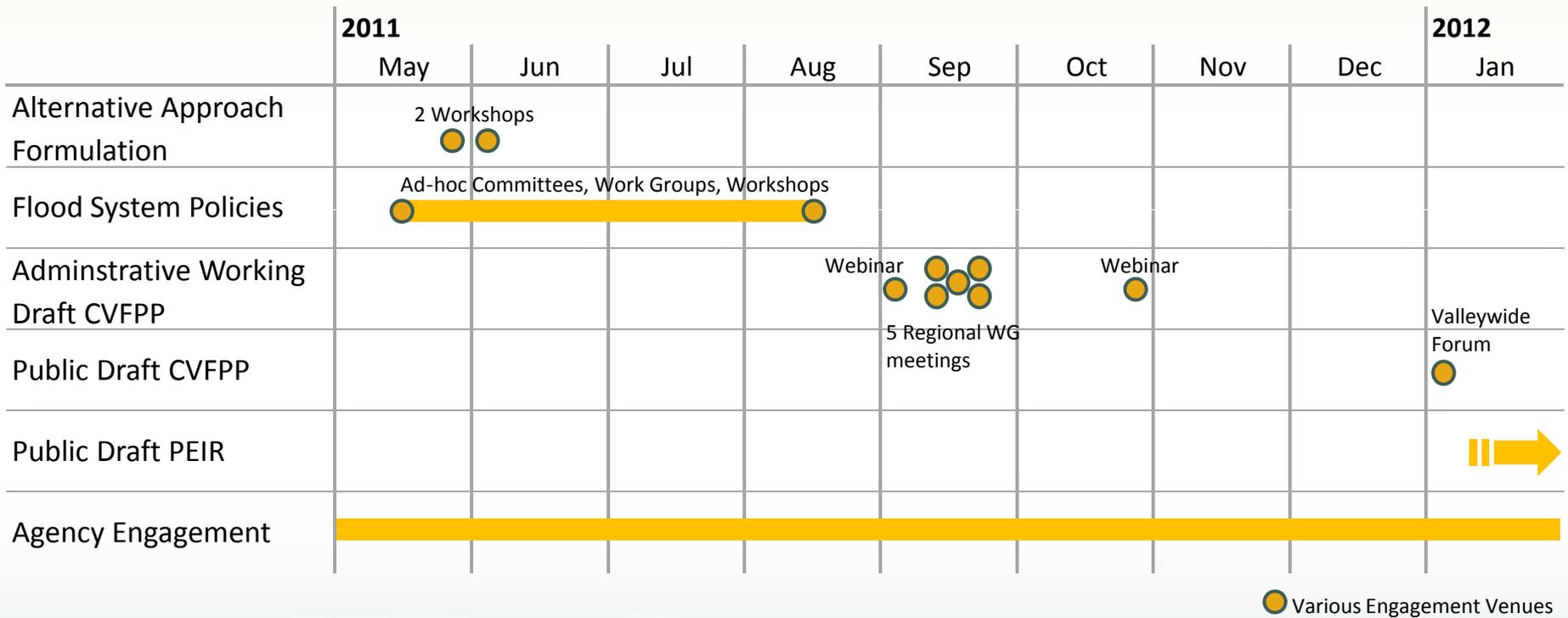
Key 2012 CVFPP Policy Development

Policy	Supporting Analysis			
	Economic	Implementation Cost	Engineering	Financing
Systemwide Benefit Analysis	✓			
Rural Risk Management Strategy		✓	✓	
Vegetation Management Strategy		✓		
O&M Roles & Responsibilities				✓
Systemwide Investment Strategy	✓	✓	✓	
Sustainable Financing Strategy	✓			✓

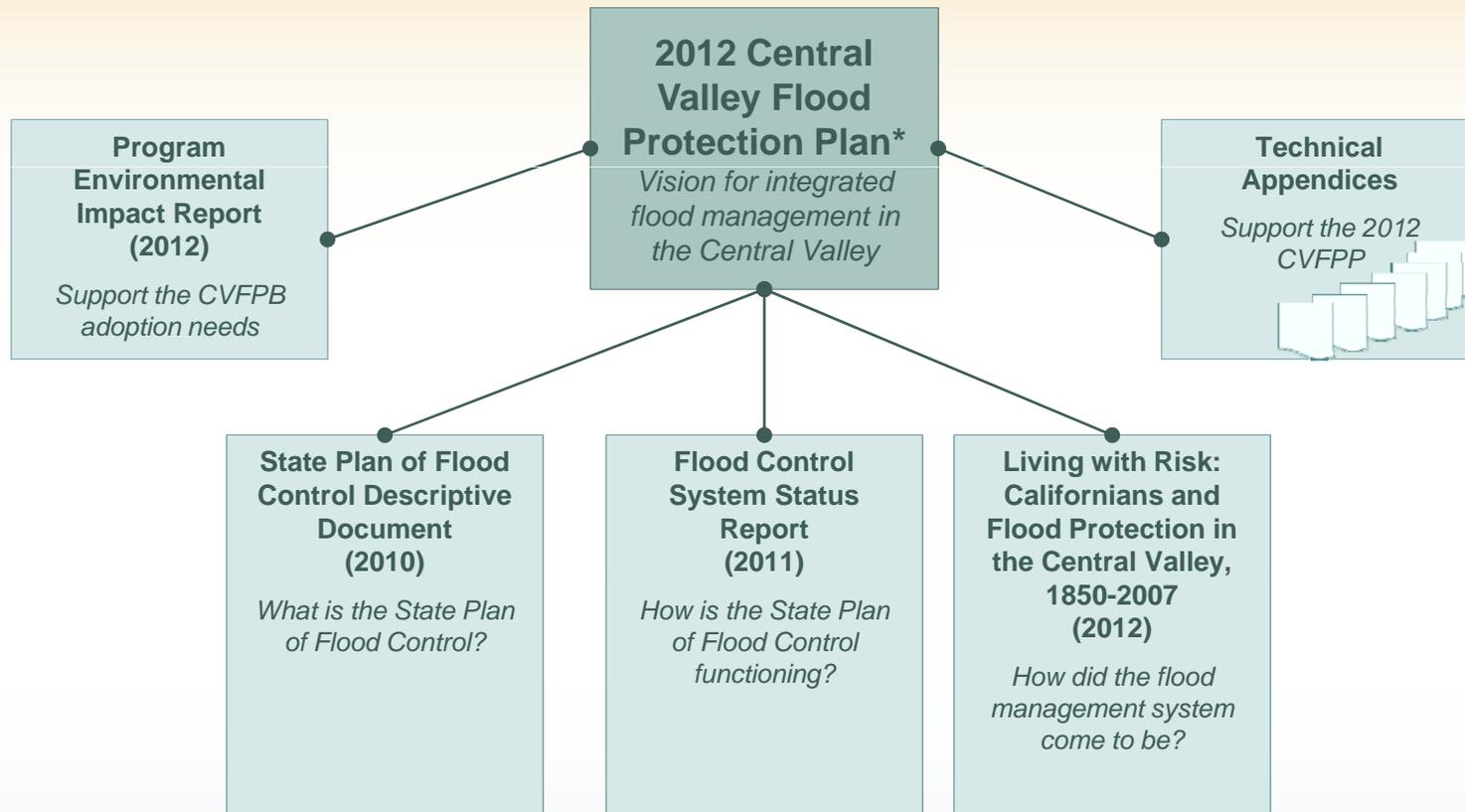
Addressing Implementation of Projects



CVFPP Communication and Engagement Schedule



2012 CVFPP Documents



**Conservation Framework on how ecosystem functions and habitats be improved will be fully integrated in the 2012 CVFPP.*

Draft Outline – Main Body

Plan Summary

- 1.0 Background and Setting
- 2.0 Improving Flood Management in the Central Valley
- 3.0 Systemwide Approaches
- 4.0 State Systemwide Investment Approach
- 5.0 Implementation

Draft Outline - Appendices

Appendices and reference documents will provide details on the plan development process, technical analyses and data, policies and implementation guidance, and other information

- Legislative Reference
- Plan Formulation
- Policy Recommendations
- Technical Documentation
- Conservation Framework
- Engagement Record
- List of Reference Documents

Program Environmental Impact Report

- Informs the Central Valley Flood Protection Board on CVFPP adoption
- Provides program-level analysis on potential broad environmental impacts
- Does not include project-specific CEQA analysis
- Will be released following the public draft 2012 CVFPP

Next Steps

- Continue technical analyses and formulation of State Systemwide Investment Approach
- Prepare and schedule May/June workshops on approaches
- Further policy development and discussions