

# System Reoperation Program

May 13, 2011

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# Overview

## System Reoperation Program

- Study Authorization and Objectives
- Phase 1 – Plan of Study
- Phase 2 – Scenario Reformulation
- Phase 3 – Reconnaissance-Level Assessment
- Phase 4 – Feasibility-Level Assessment
- Outreach and Coordination
- Schedule



# Authorization and Objectives

Senate Bill X2 1 authorized DWR to conduct feasibility studies to identify potential options for reoperation of the state's existing flood protection and water supply systems to achieve these objectives:

- Improve water supply reliability
- Improve flood protection/Reduce flood hazard
- Enhance ecosystem protection and restoration

# Phase 1 –Plan of Study

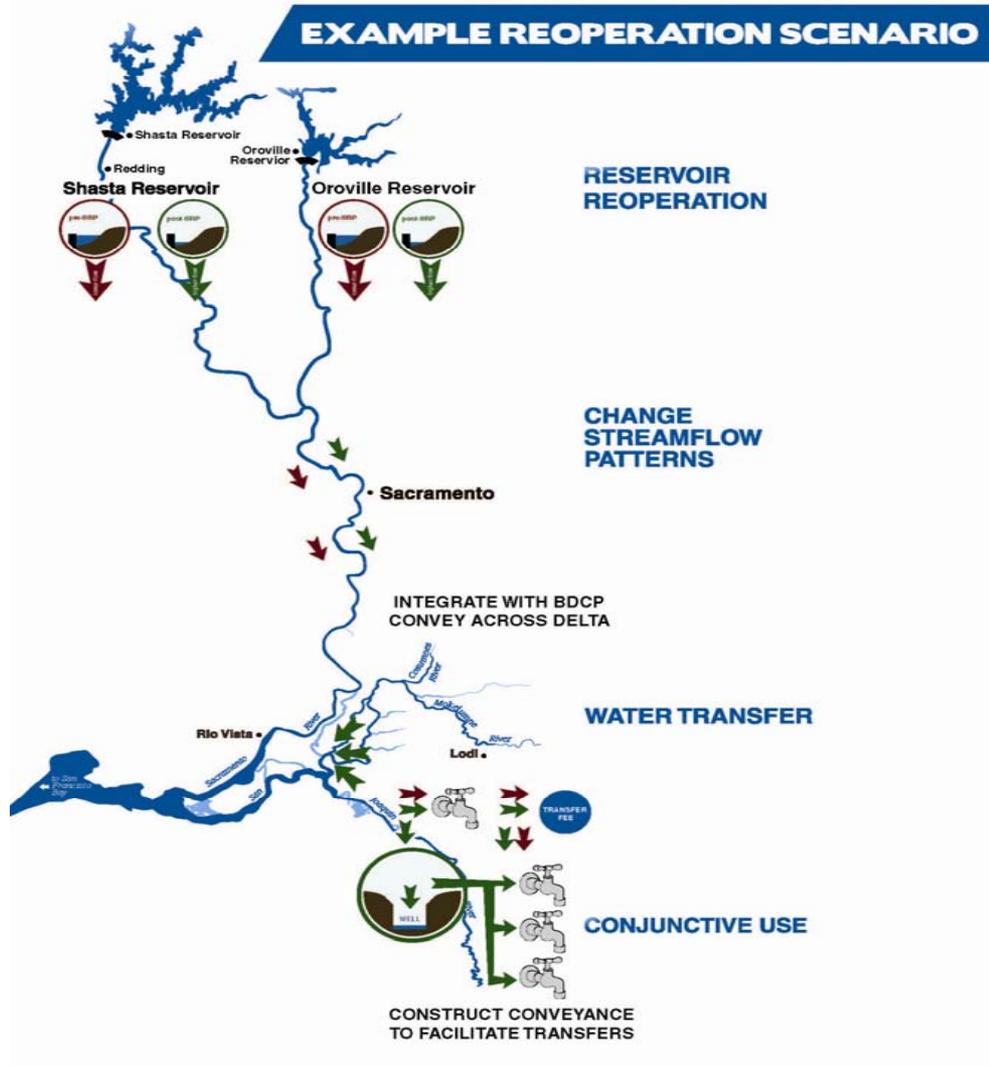
## ● Process

- Identify Existing Literature, Analytical Tools, & Proposed Projects/Studies
- Assess Baseline Scenarios
  - Geographic Scope
  - Climate Change
- Develop Plan of Study
  - Establish Missions, Goals & Objectives
  - Identify Problems & Opportunities
  - Establish Planning Constraints
  - Formulate Management & Physical Measures
  - Formulate and Evaluate Potential Scenarios

# Phase 2 Scenario Reformulation

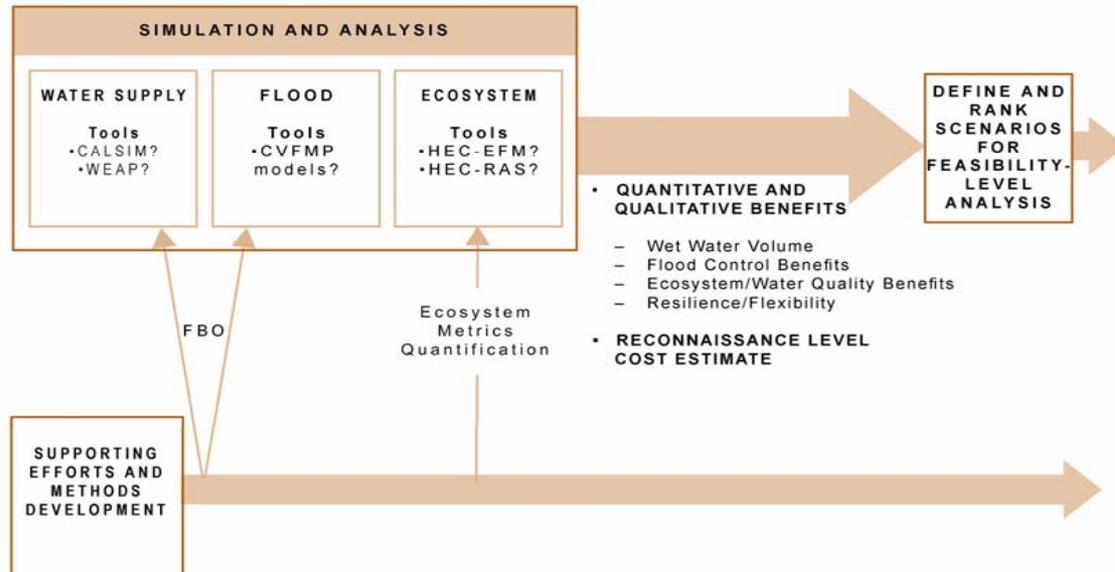
- Three-tier review
  - Reformulation/refinement of preliminary scenarios
  - Advancement of scenarios to reconnaissance-level
- Assessment of scenarios through outreach and coordination efforts
- Review by DWR staff and key agencies

# Phase 2 Example

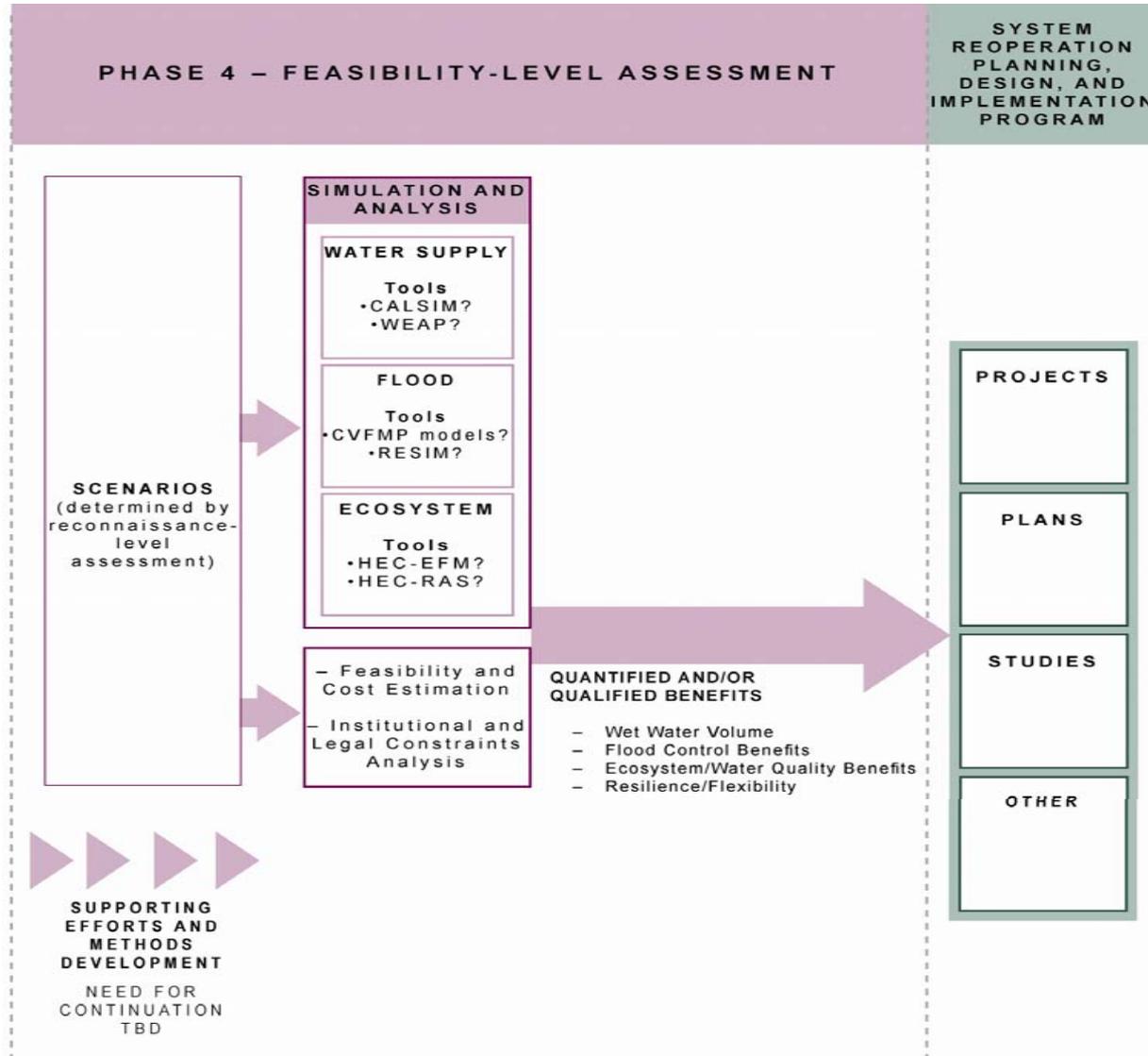


# Phase 3 – Reconnaissance-Level

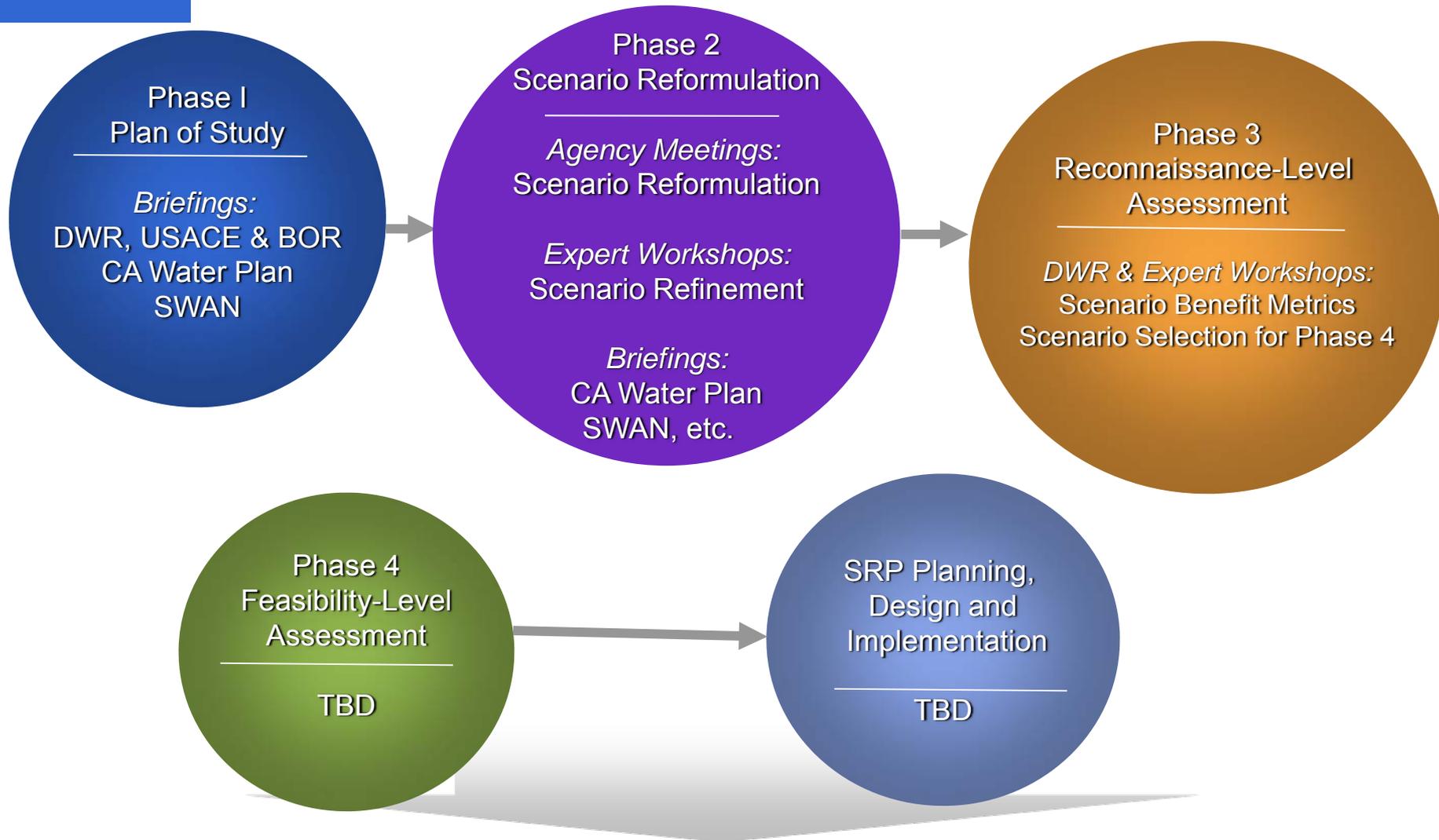
## PHASE 3 – RECONNAISSANCE-LEVEL ASSESSMENT



# Phase 4 – Feasibility-Level



# Outreach & Coordination



# Schedule

Phase	Estimated Completion
Phase 1 – Plan of Study	May 2011
Phase 2 – Scenario Reformulation	August 2011
Phase 3 – Reconnaissance Level Assessment	February 2012
Phase 4 – Feasibility Level Assessment	June 2013