

Integration between ERP and EWA

November 9, 2004

Outline

- ERP and EWA as elements of the CALFED Program
- ERP's Single Blueprint approach
- The Single Blueprint and the EWA

CALFED Program Objectives

- Water quality
- Ecosystem restoration
- Water supply reliability
- Levee system integrity

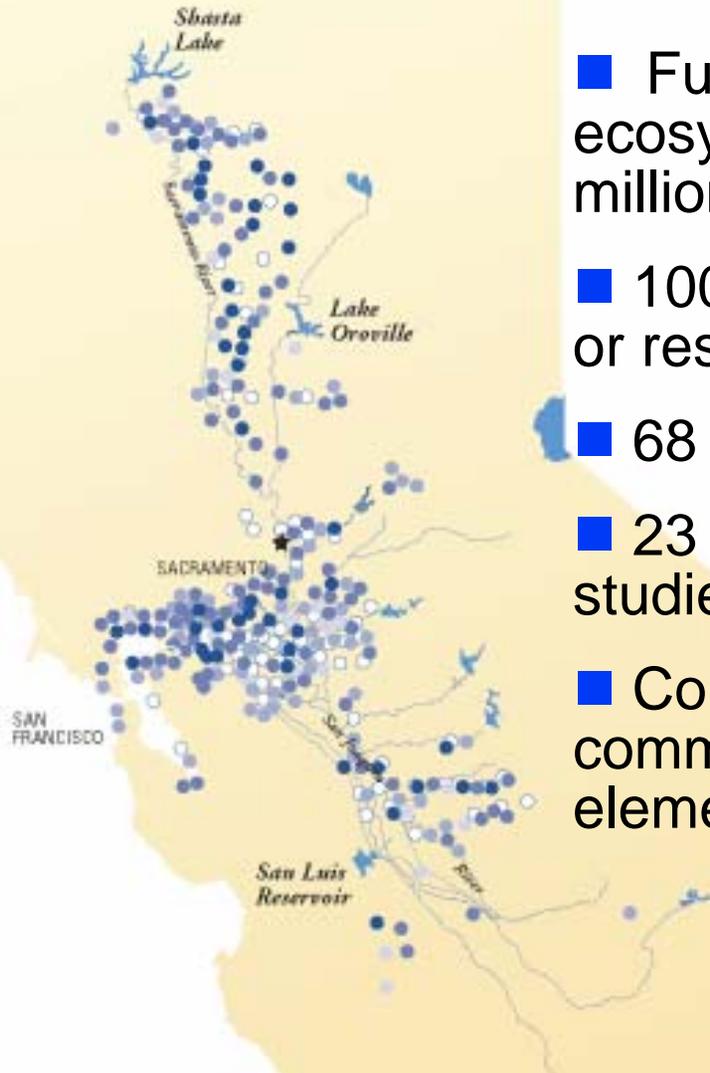
CALFED Program Objectives

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ERP Strategic Goals

- Recover endangered and other at-risk, native species
- Rehabilitate ecological processes
- Maintain or enhance harvested species
- Protect and restore habitats
- Prevent and control non-native invasive species
- Improve water and sediment quality

Ecosystem Restoration Accomplishments



- Funded more than 400 ecosystem projects for about \$480 million
- 100,000 acres of habitat protected or restored
- 68 new or improved fish screens
- 23 comprehensive scientific studies
- Contributed to meeting regulatory commitments for all Program elements

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The Single Blueprint

The purpose of the **Single Blueprint** is to provide a unified and cooperative approach to restoration as defined by three primary elements:

- Integrated, **shared science**, and a set of ecological conceptual models to provide a common basis of understanding about how the ecosystem works;
- A **shared vision** for a restored ecosystem; and
- A **management framework** that defines how parties with management and regulatory authorities affecting the Delta will interact and how management and regulatory decisions (including planning, prioritization, and implementation) will be coordinated and integrated over time.

Strategic Plan for Ecosystem Restoration, August 2000

Shared science

- Integrated, shared science
 - Independent peer review
 - Review panels
 - Science Boards
 - Workshops
 - Conferences
 - White papers
- Conceptual models

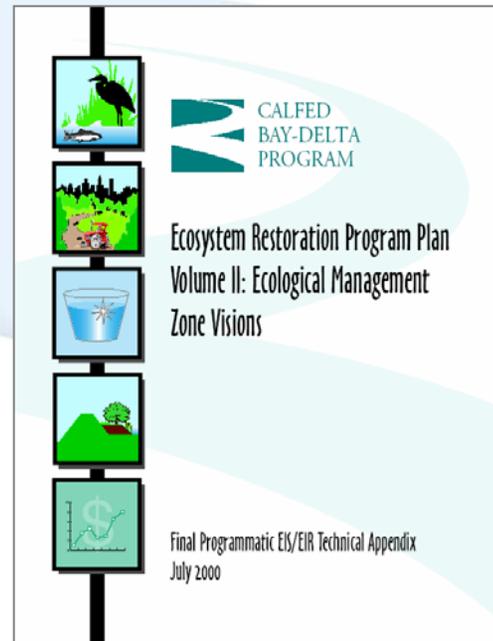
Shared vision

- ERP planning documents articulate the shared vision



Shared vision

- Ecosystem Restoration Program Plan identifies 6 strategic goals, 32 strategic objectives, 300 targets, 600 programmatic actions

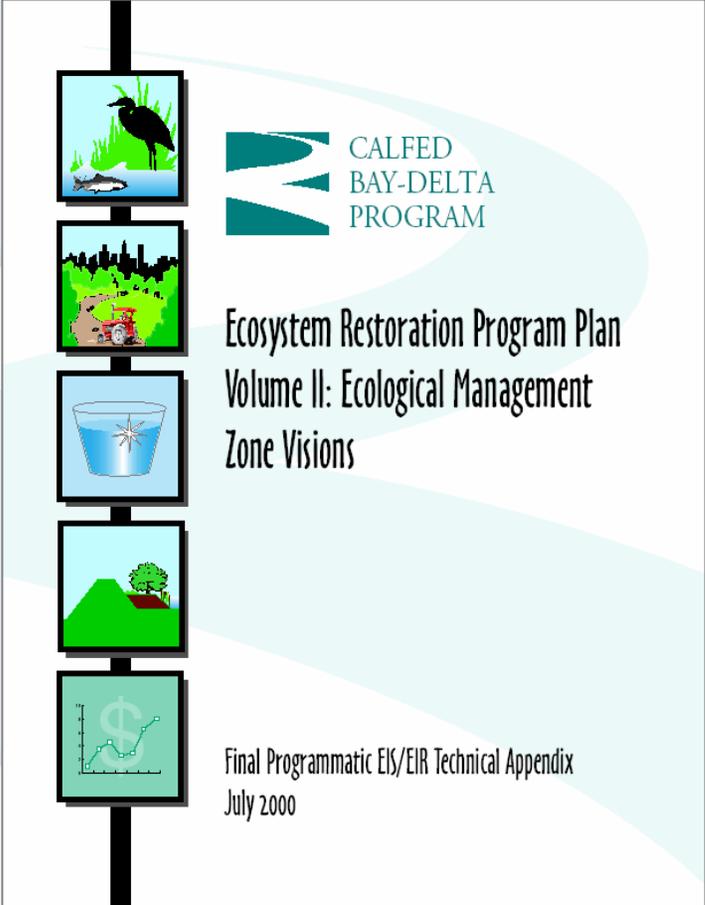


Shared vision

Lower American River example

Target: Maintain water temperatures below 60°F beginning in early October for Chinook salmon spawning

7 Programmatic Actions:
ERP grant contributing to structural fix while EWA contributes to water management actions



CALFED
BAY-DELTA
PROGRAM

Ecosystem Restoration Program Plan
Volume II: Ecological Management
Zone Visions

Final Programmatic EIS/EIR Technical Appendix
July 2000

Management framework

- Common to all CALFED Program elements
- Specific to the ERP and EWA

Management framework common to all CALFED Program elements

- Overseen and coordinated by the California Bay-Delta Authority
- Advised by the Bay-Delta Public Advisory Committee
- Advised and reviewed by the Independent Science Board
- Advised and assisted by the Science Program

Management framework specific to the ERP and EWA

- Share implementing agencies - USFWS, NOAA Fisheries, CDFG
- Implementing agencies provide updates to subcommittees of BDPAC
- First CALFED Program elements to have standing science panels
- Tied to programmatic compliance and regulatory commitments

Summary

- Ecosystem restoration activities guided by the Single Blueprint approach
- EWA and ERP implemented consistent with the Single Blueprint approach