

CENTRAL VALLEY
FLOOD MANAGEMENT
PLANNING PROGRAM



CVFPP Environmental Stewardship Scope Definition Work Group Meeting #1

DWR Office, West Sacramento

August 28, 2009

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Welcome and Greetings

Agenda Item II

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Opening Remarks

Agenda Item III

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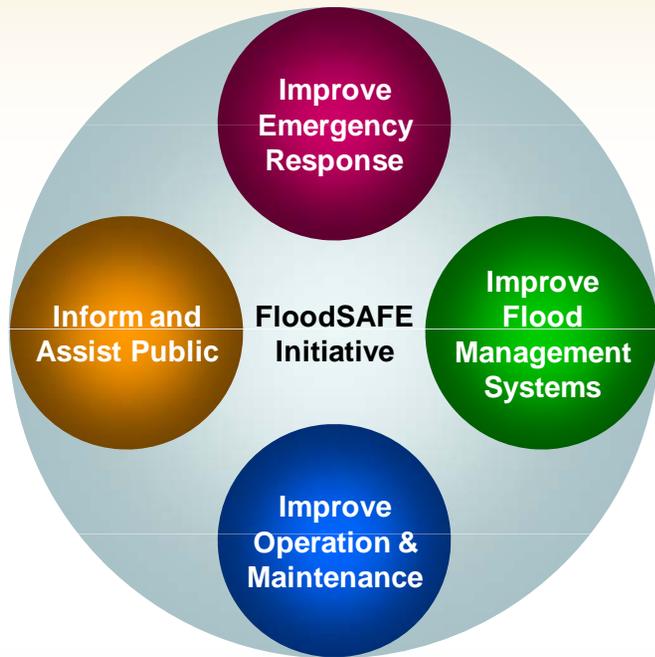
Overview: FloodSAFE and CVFPP

Agenda Item IV

Presentation Outline

- California FloodSAFE
- Central Valley Flood Management Planning Program
- Central Valley Flood Protection Plan
 - Purpose and Scope
 - Planning and Engagement Process
- Regional Conditions Summary Report
 - Regional Conditions Work Groups
 - Topic Work Groups
- Next Steps

FloodSAFE California



FloodSAFE Goals

1. Reduce chance of flooding
2. Reduce consequences of flooding
3. Sustain economic growth
4. Protect and enhance ecosystems
5. Promote sustainability

FloodSAFE Activities

Reduce chance of flooding

Reduce consequences of Flooding

- Emergency Repairs (multiple)
- Early Implementation Projects (multiple)
- Improve Operations and Maintenance
- Federal/State/Local Implementation Actions
- Statewide Flood Management Planning
- **Central Valley Flood Management Planning Program**
- Ecosystem Conservation Strategy
- Central Valley Local Assistance Program
- Levee Evaluation Programs
- Central Valley Floodplain Delineation and Evaluation Program
- Levee Flood Protection Zone
- Flood Hydrology Update
- Building Code Amendment
- Emergency Preparedness and Response
- Flood Risk Notification
- Federal/State/Local Implementation Actions



● Programs/Actions within DWR's FloodSAFE Implementation Phase 1

● Programs/Actions outside DWR's FloodSAFE Implementation Phase 1

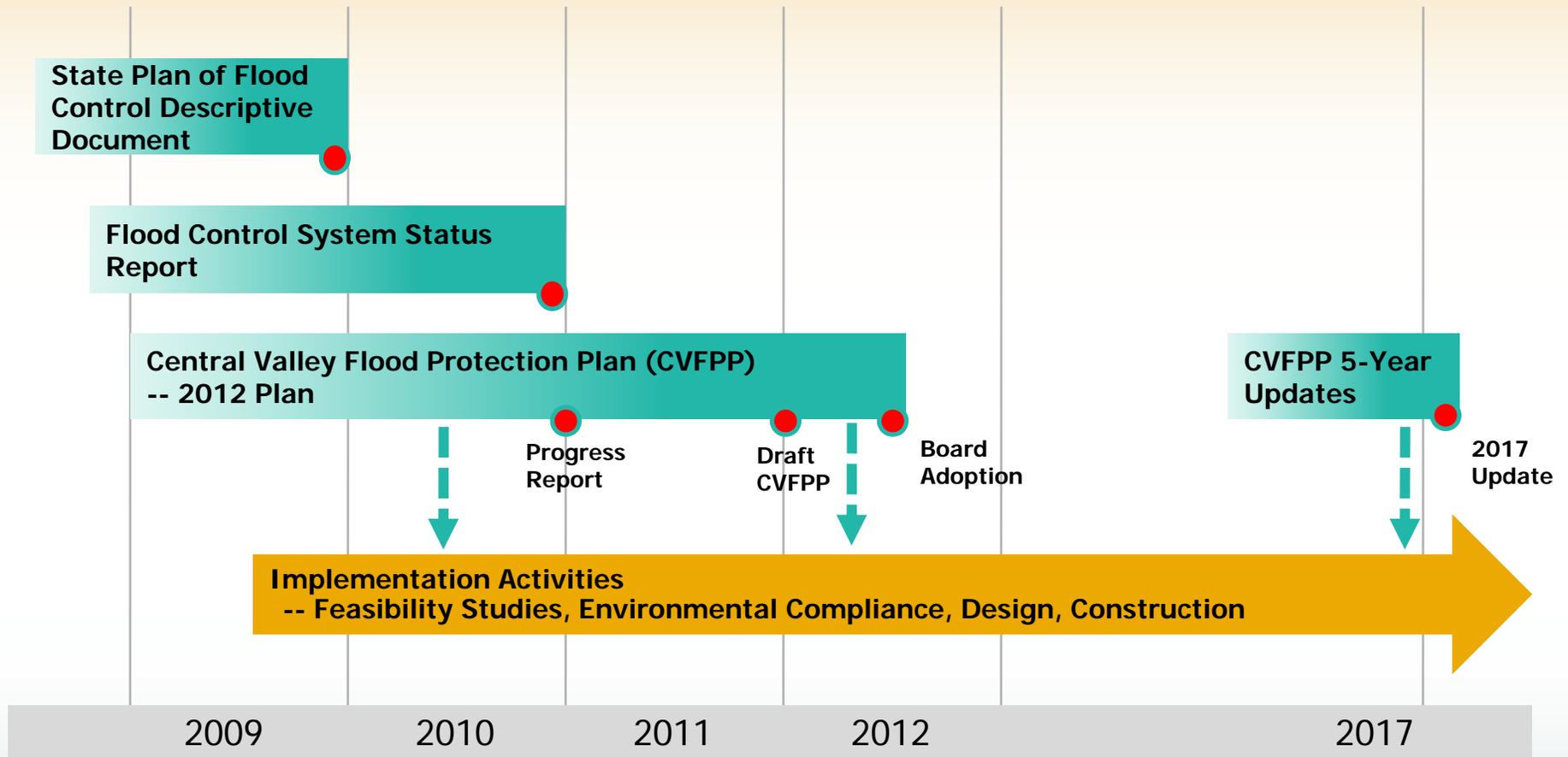
What is CVFMP?

Central Valley Flood Management Planning Program (CVFMP)

- Assess the current flood protection system
- Improve understanding of flood risk
- Develop Central Valley Flood Protection Plan (CVFPP) to improve integrated flood management in the Central Valley



CVFMP Products & Schedule



Key: ● Legislative Milestone Document

2012 CVFPP

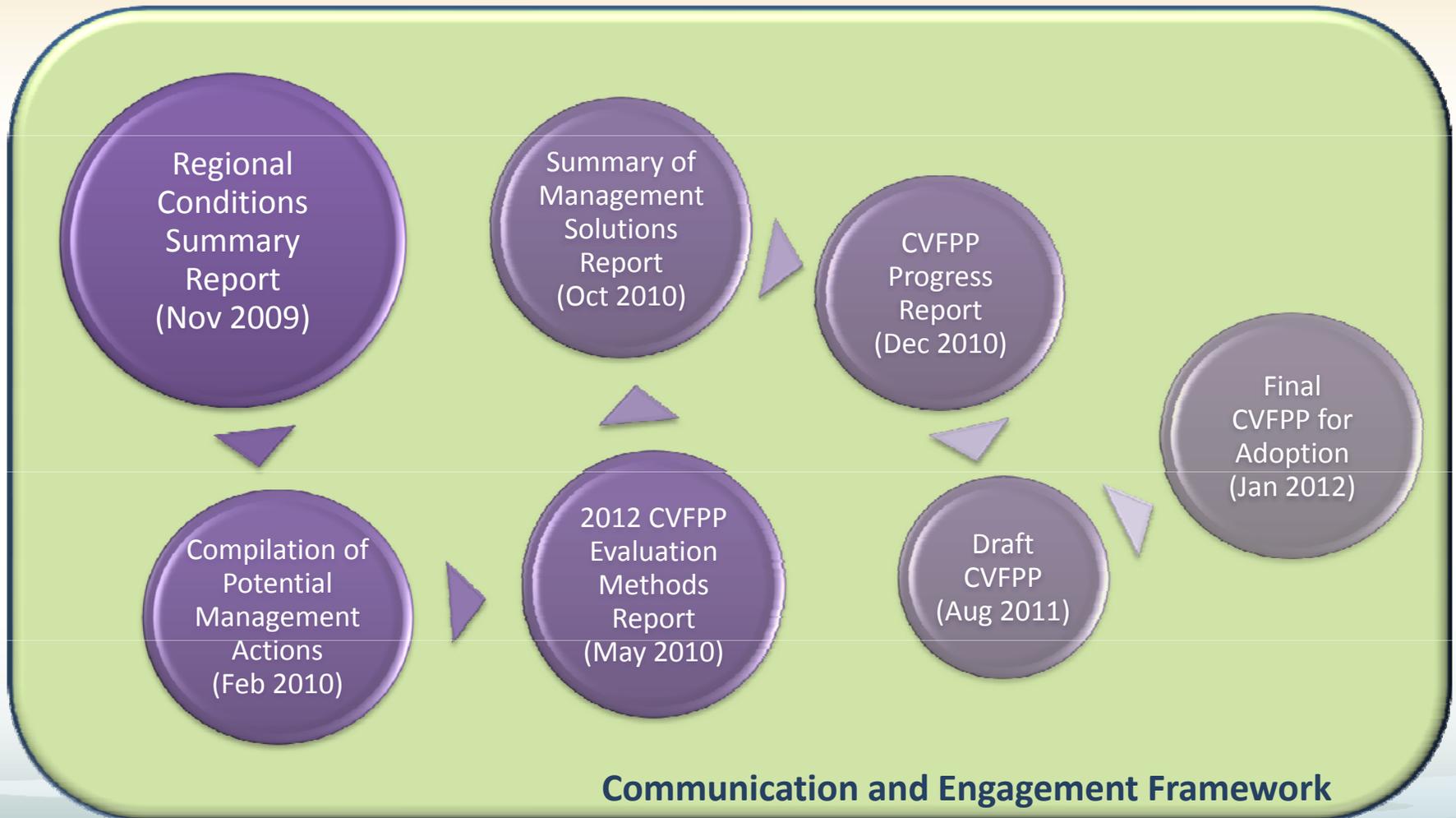
- **Promote understanding** related to integrated flood management from state, federal, local, regional, tribal and other perspectives (e.g., agriculture, urban, rural, environment, EJ, etc.)
- Create a **broadly supported vision** for improving integrated flood management in Central Valley
- Develop **new data and information** that can be shared for many purposes



2012 CVFPP Scope

- Define flood and related resources problems
- Describe system, performance and risks
- Develop goals and objectives
- Identify management actions primarily for
 - Repairing and improving flood protection
 - Implementing integrated flood management
 - Improving system-wide riverine ecosystem functions
- Evaluate management actions
- Identify and evaluate potential system improvement

2012 CVFPP Milestones



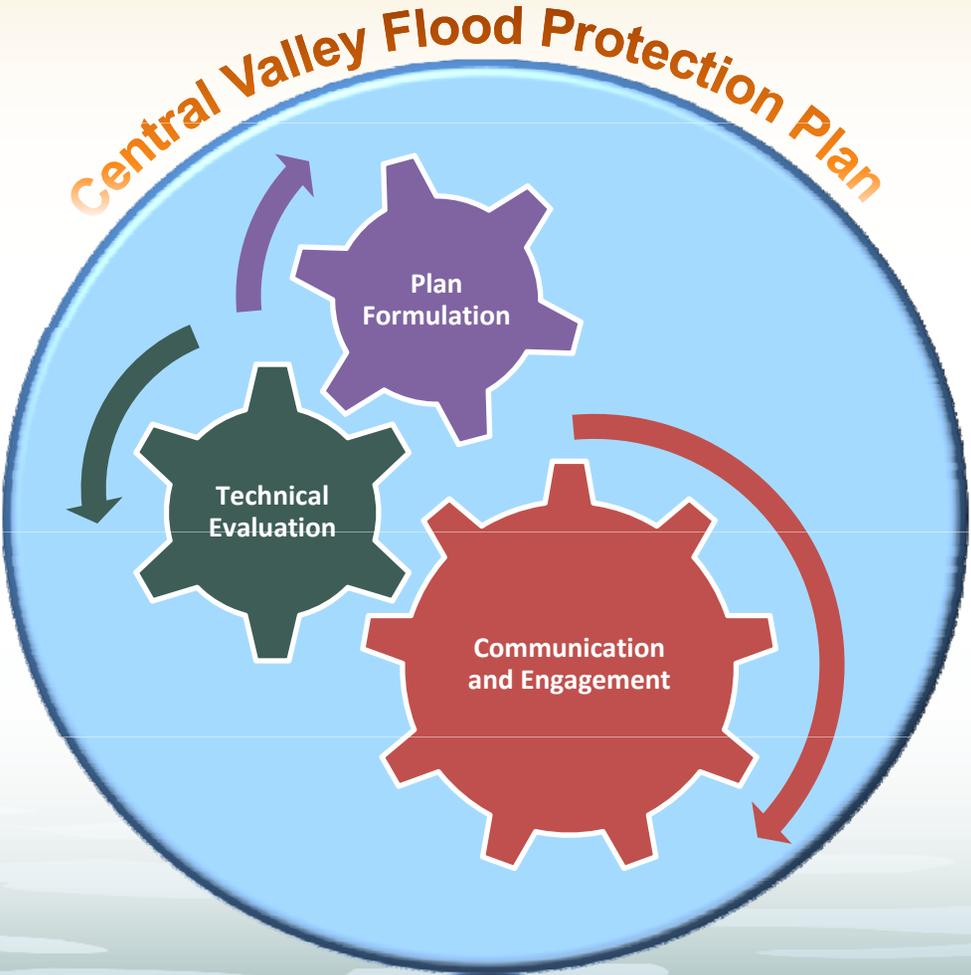
CVFPP Formulation Phases



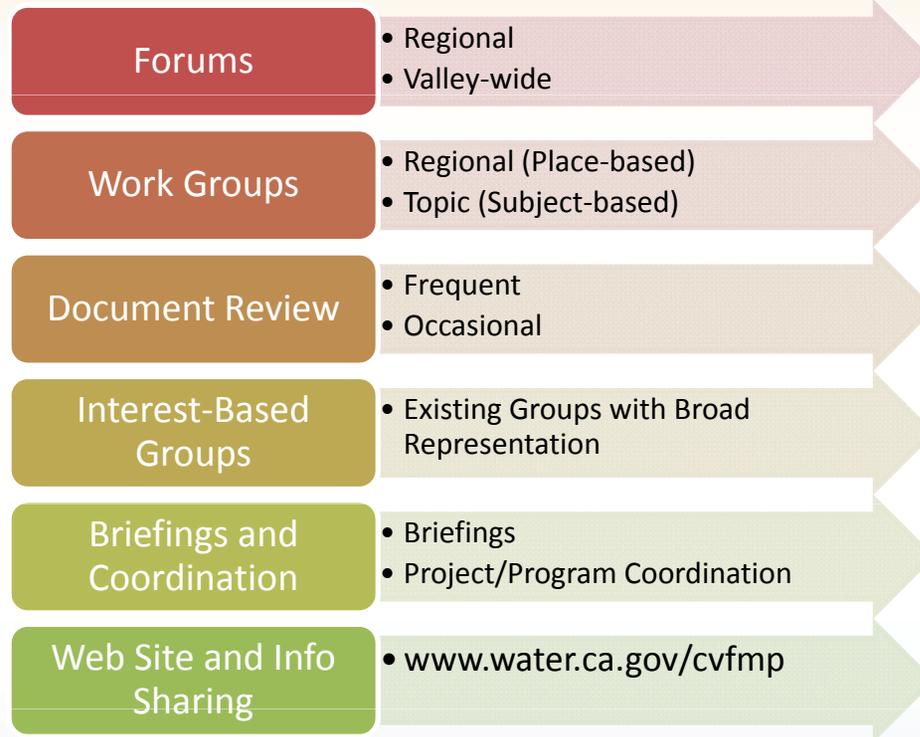
CVFPP Development

State Plan of Flood Control
Descriptive Document

Flood Control System
Status Report



Opportunities to Engage



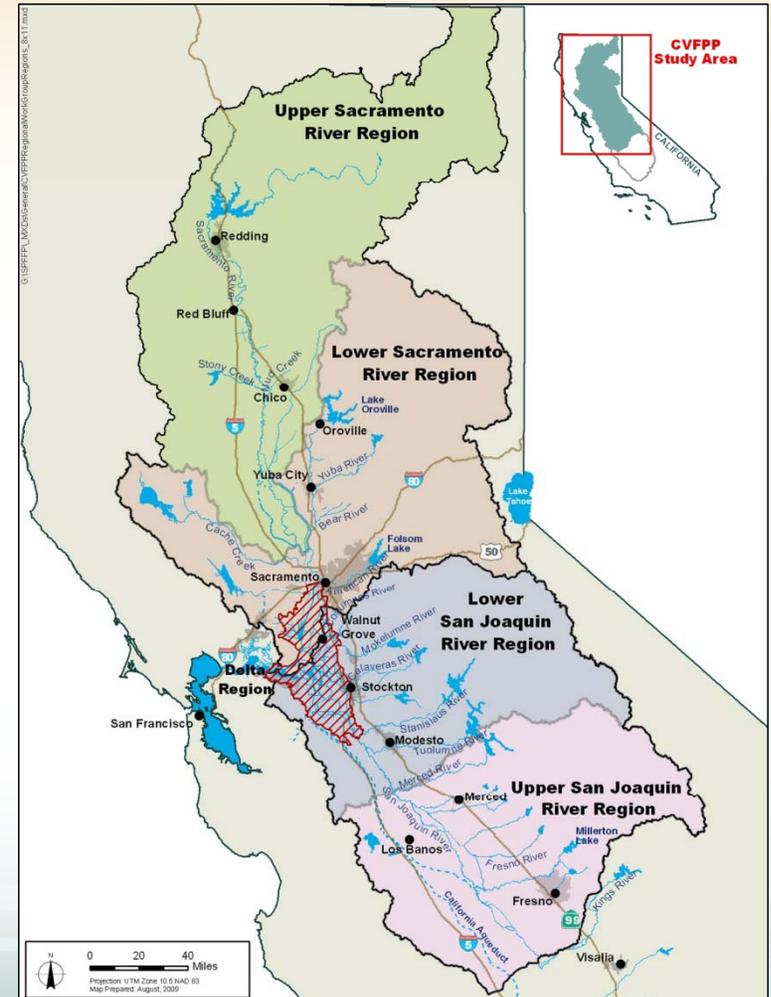
Regional Conditions Summary Report

- Purpose: Define resource conditions for each region of the Central Valley
- Scope
 - Define/document current conditions and future challenges
 - Identify flood management and related problems/needs
 - Identify ecosystem problems and opportunities
 - Define CVFPP goals and objectives
- Use
 - Identify management actions
 - Define what the CVFPP is to accomplish

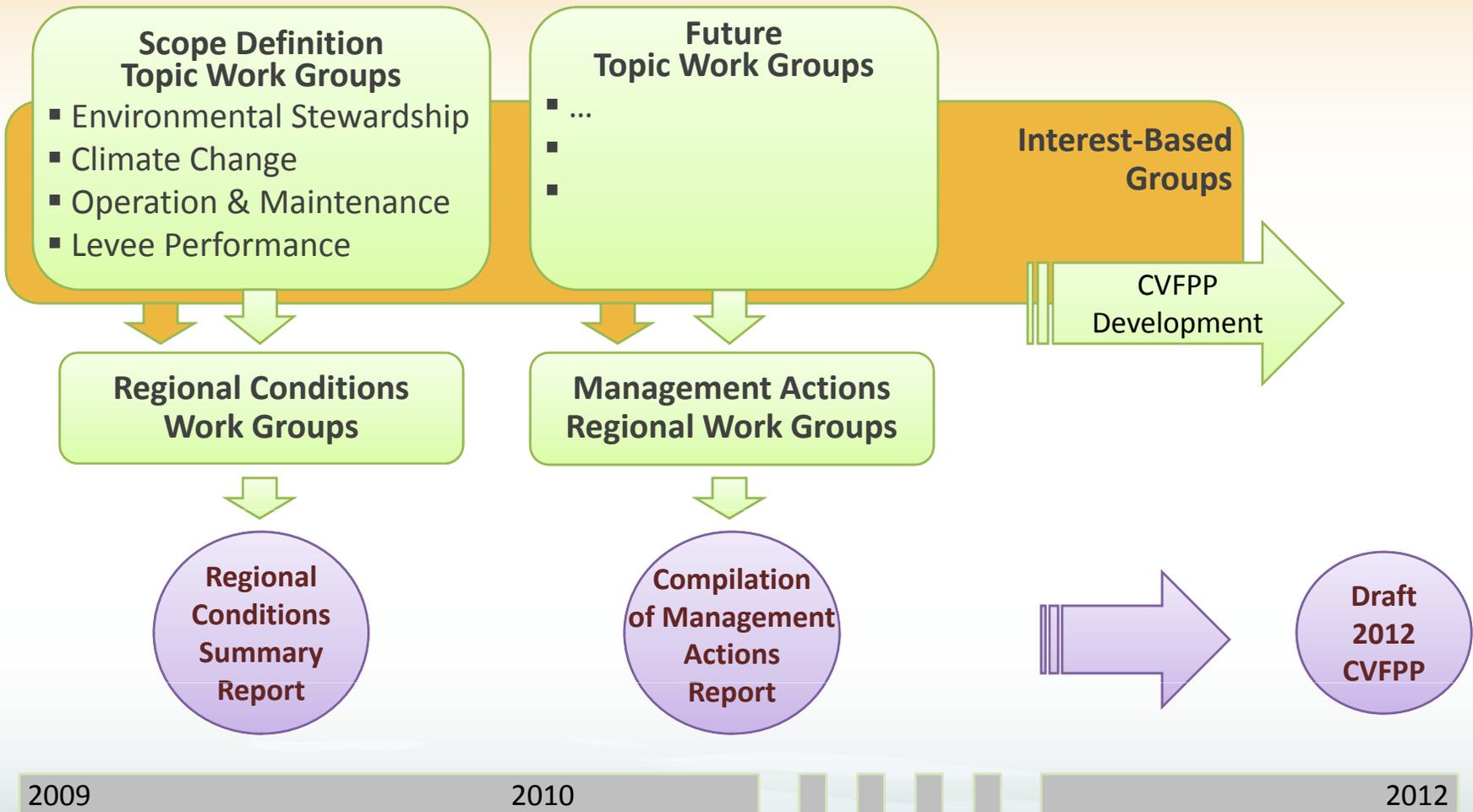


Regional Conditions Work Groups

- 5 Regional Conditions Work Groups
 - Upper Sacramento
 - Lower Sacramento
 - Delta
 - Lower San Joaquin
 - Upper San Joaquin
- Develop Draft Content for Regional Conditions Summary Report



Topic Work Groups



Next Steps

- Conduct Work Group meetings for content development
- Continue implementing other engagement opportunities (e.g., Forums, Briefings, Interest-Based Groups, etc.)
- Prepare Regional Conditions Summary Report
- Develop the 2012 CVFPP

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Environmental Stewardship in the CVFPP: Scope Definition and Integration

August 28, 2009

Marc Hoshovsky

DWR, FloodSAFE Conservation Strategy

What is Environmental Stewardship?

A commitment to responsibly manage and protect natural resources (water, air, land, plants and animals), and ecosystems in a functional and sustainable manner that ensures they are available for future generations.”

- based on DWR Environmental Stewardship Policy Paper, March 2009

DWR is committed to environmental stewardship

- Management committed to environmental stewardship
 - DWR Environmental Stewardship Policy Paper
 - Integrated in the California Water Plan (Bull 160)
 - FloodSAFE Strategic Plan
- Legislative direction for environmental improvement



FloodSAFE Strategic Plan includes environmental guiding principles

- Protect and restore natural floodplain processes and promote environmental stewardship
- Adapt flood management to cope with climate change

CVFP Act

requires environmental objectives

(Water Code 9616)

- Promote natural dynamic hydrologic and geomorphic processes
- Increase and improve the quantity, diversity, and connectivity of ... habitats, including the agricultural and ecological values of these lands
- Promote the recovery and stability of native species populations and overall biotic community diversity

Why Environmental Stewardship?

- Leads to better projects and a more sustainable system
 - Increased collaboration and trust among partners
 - More functional habitats that promote species recovery
 - Reduced costs (O&M, mitigation)
 - Increased regulatory agency support leads to faster implementation
 - Reduced risk to public safety
 - Reduced litigation



How will we incorporate Environmental Stewardship into CVFPP Activities?

- ➔ ■ Use ESSD Work Group to define how to integrate environmental stewardship into the CVFPP
 - Include environmental stewardship in Regional Conditions Summary Report
- Develop a multi-species and floodplain conservation strategy* fully integrated into the CVFPP

* Called for in "California's Central Valley Flood System Improvement Framework ("California Levees Roundtable , 2009)

Beyond the ESSD

- New work groups to develop the Multi-Species and Floodplain Conservation Strategy
- Integrate an Environmental Stewardship approach in the development of the CVFPP

