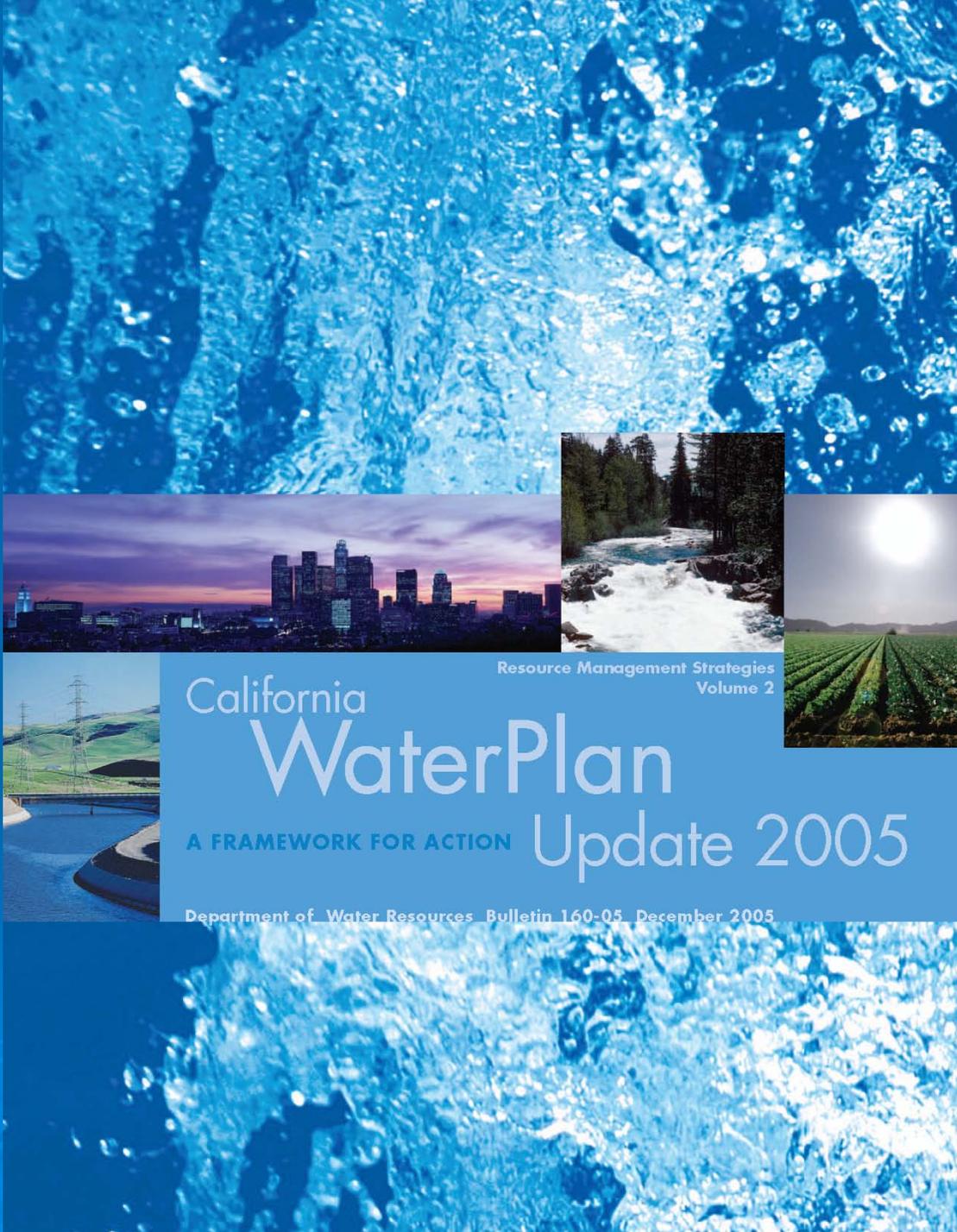


California Water Plan Update 2009

General Work Plan 2007 - 2009

All-Regions Forum
Ontario
September 17-18, 2007



Resource Management Strategies
Volume 2

California WaterPlan

A FRAMEWORK FOR ACTION Update 2005

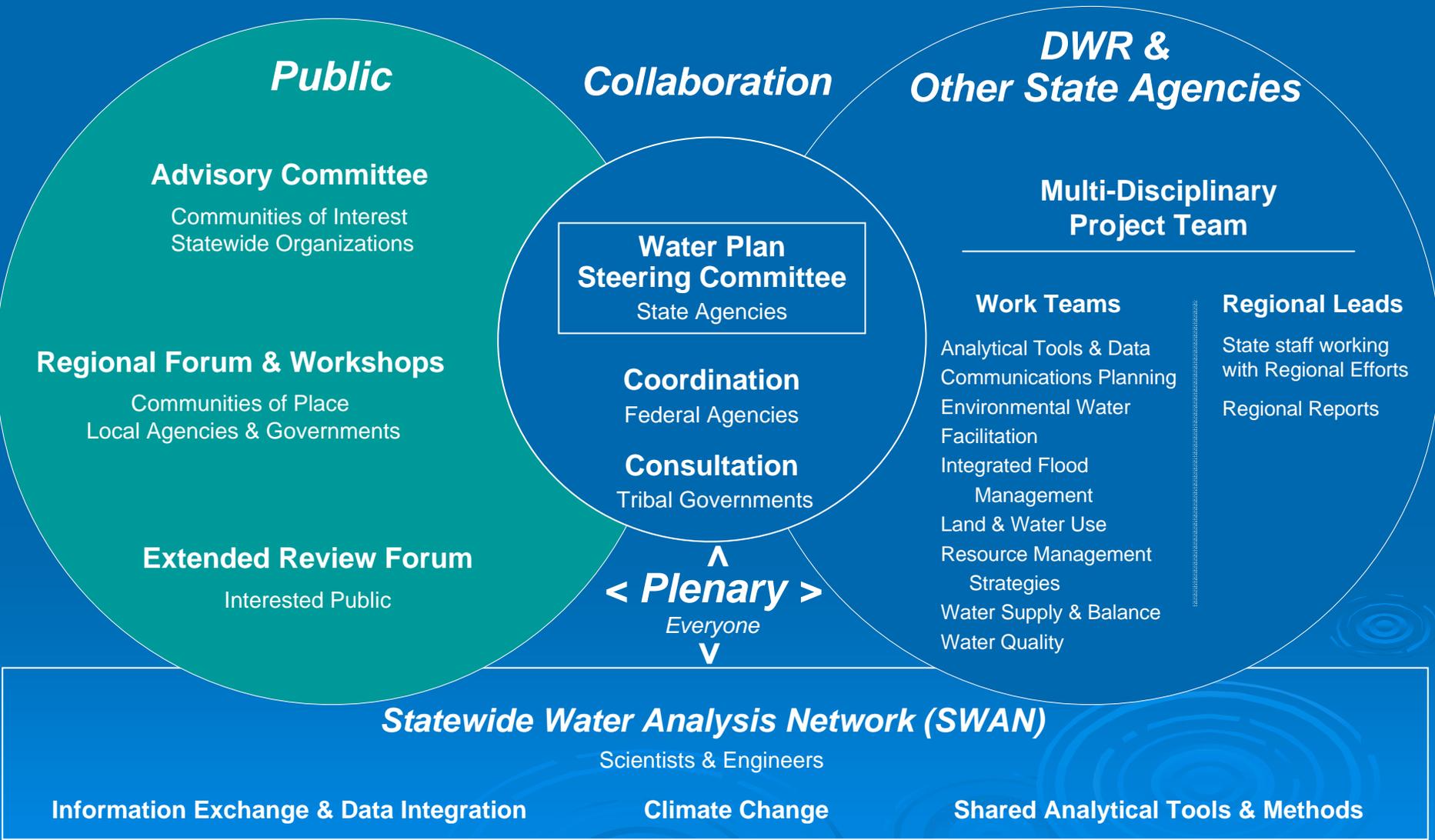
Department of Water Resources Bulletin 160-05 December 2005

Topics

- Process Guide
- Key Activities
- Documents & Meeting Schedule
- Work Plan 2007 - 2009

Update 2009 Process Guide

California Water Plan Update 2009 Process Guide



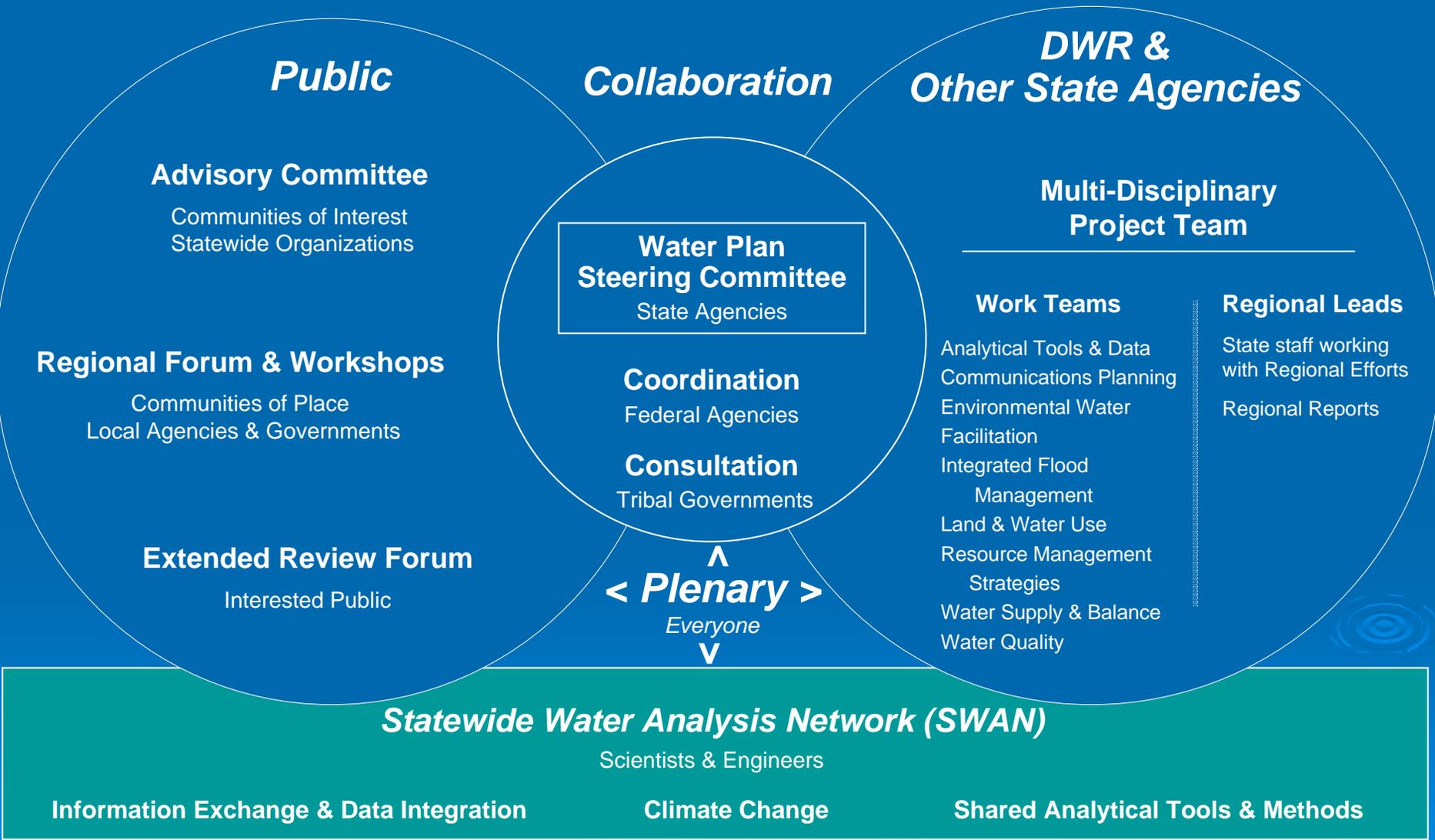
Regional Workshops & All-Regions Forums

Local Agencies & Gov'ts. – Communities of Place

In each region:

- Regionally-based Water Collaboratives
- IRWM Planning Partnerships
- Local Agencies, Governments & Organizations
- Tribal Governments & Communities
- State Commissions & Conservancies
- Regional Offices of State & Federal Agencies

California Water Plan Update 2009 Process Guide



Statewide Water Analysis Network

Scientists & Engineers

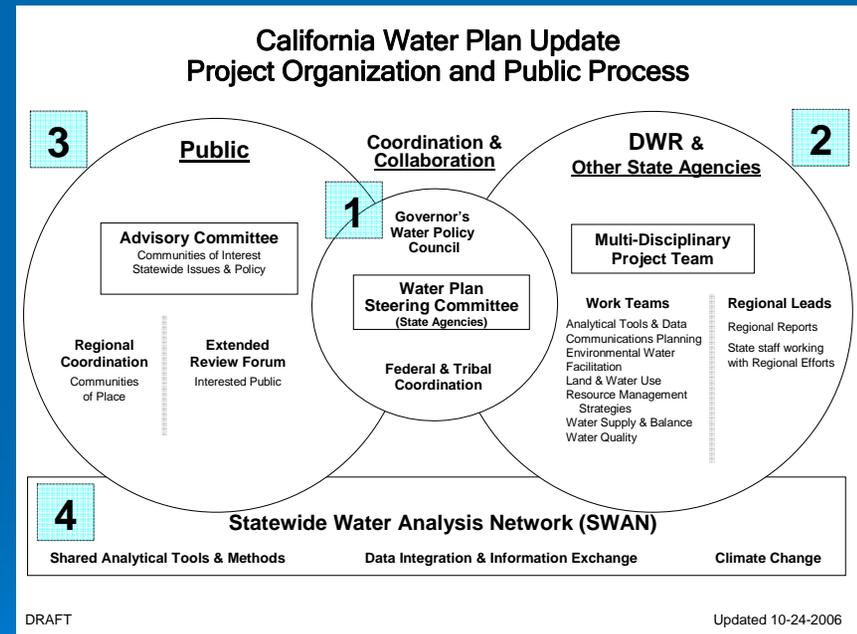
From:

- State Agencies
- Federal Agencies
- Local Agencies
- Non Profit Organizations
- Universities
- Consulting Firms

Key Activities

Key Activities Build on Update 2005 (Workbook – page 6)

1. Evaluate progress on Update 2005 & Revise the Strategic Plan
2. Update the Future Scenarios & develop Response Packages
3. Quantify Climate Change impacts & recommend Adaptation Actions
4. Update & Expand 12 Regional Reports
5. Update 25 Resource Management Strategies
6. Add Water Portfolio data for 5 years: 1999, 2002 – 2005
7. Improve Analytical Tools, Data & Data Exchange
8. Incorporate Companion Strategic Plans



1. Evaluate Progress on Update 2005 & Revise the Strategic Plan

Vision

Mission

Goals

Recommendations

Implementation Plan

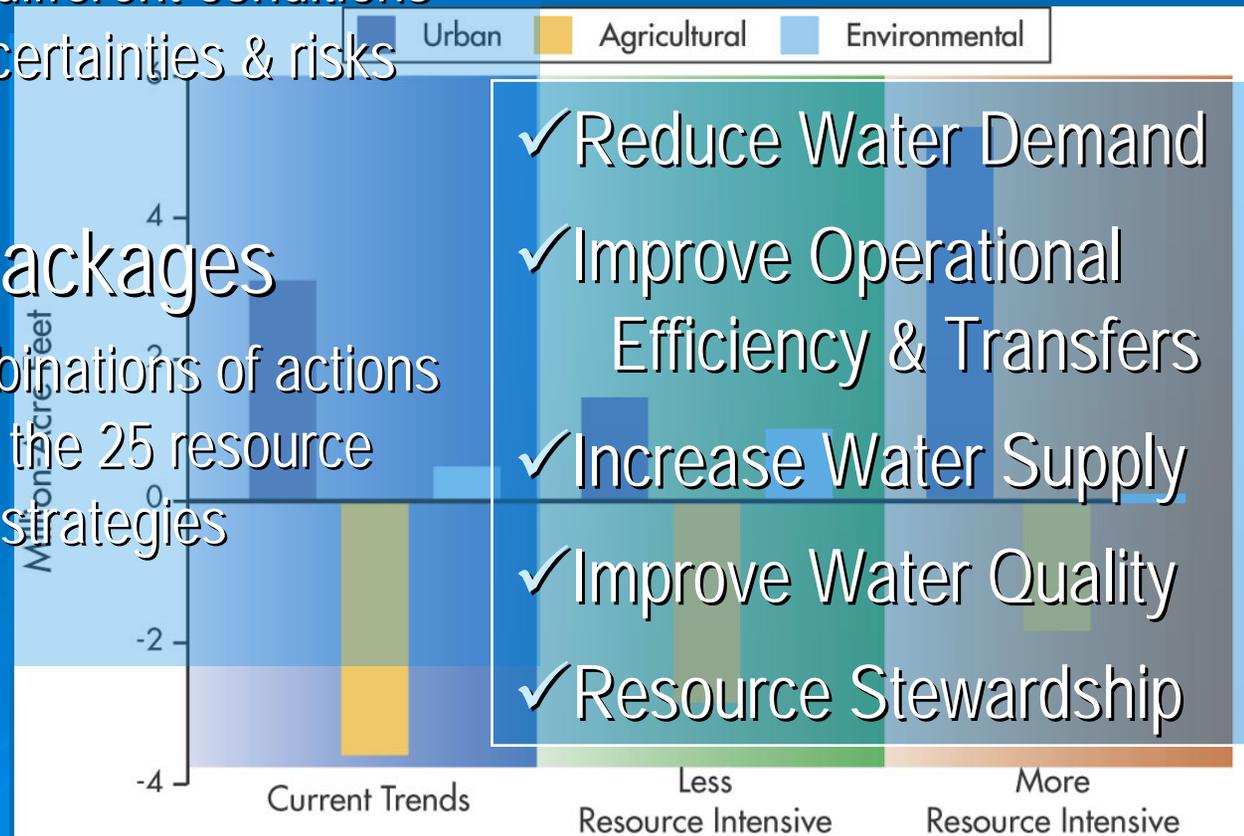
2. Update the Future Scenarios & Develop Response Packages

➤ Multiple Future Scenarios

- Plausible yet different conditions to plan for uncertainties & risks

➤ Response Packages

- Different combinations of actions selected from the 25 resource management strategies



3. Quantify Climate Change Impacts & Recommend Adaptation Actions

What risks does climate change pose for the management of California's water resources?





4. Update & Expand 12 Regional Reports

- Build on Update 2005 reports
- Engage regional water planning efforts
- Utilize integrated regional water management plans
- Include regional scenarios and response packages

5. Update Resource Management Strategies

Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers

- Conveyance
- System Reoperation
- Water Transfers

Increase Water Supply

- Conjunctive Management & Groundwater Storage
- Desalination –Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage - Regional/Local

Improve Water Quality

- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Urban Runoff Management

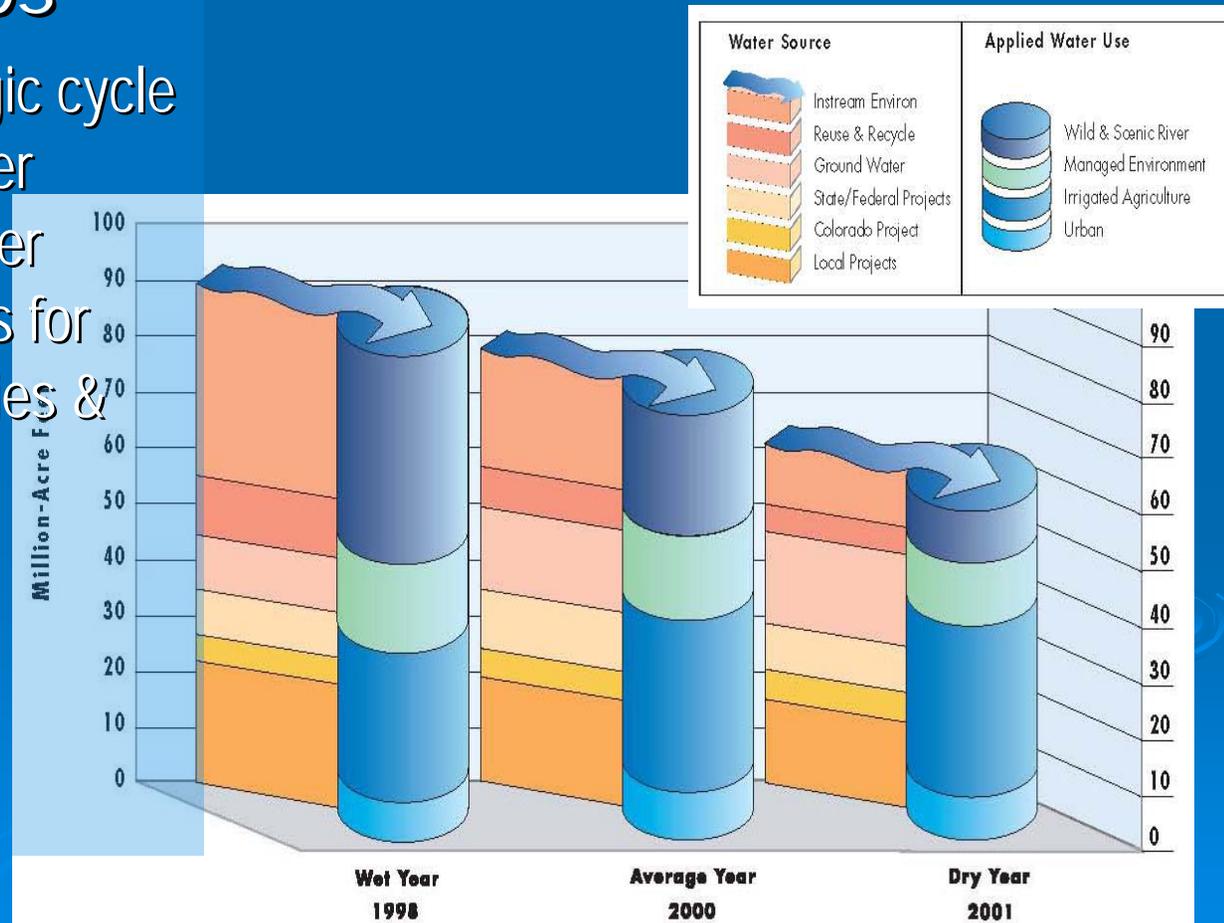
Practice Resource Stewardship

- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants, and Water Pricing)
- Ecosystem Restoration
- Floodplain Management
- Recharge Areas Protection
- Urban Land Use Management
- Water-Dependent Recreation
- Watershed Management

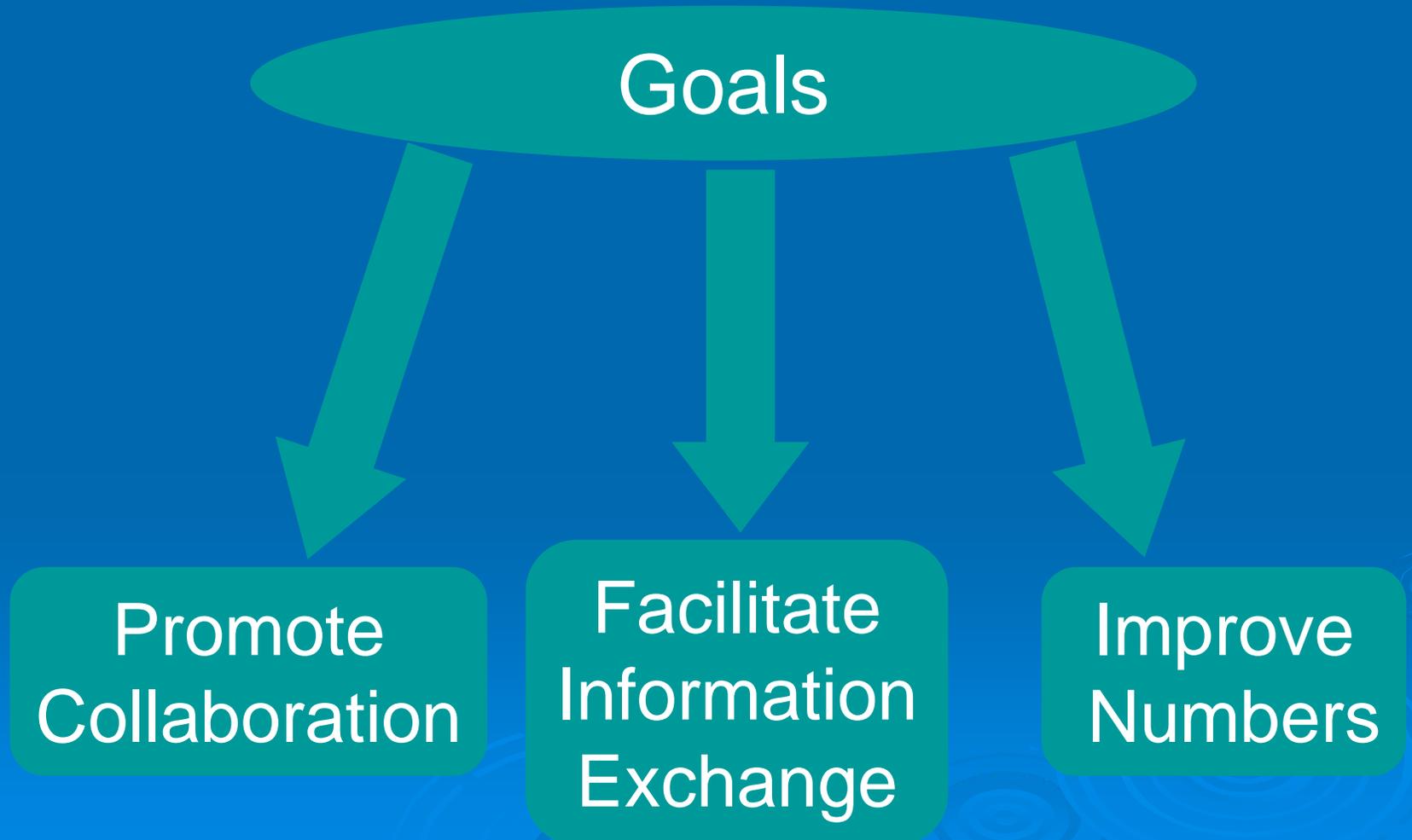
6. Add Water Portfolio Data for 5 years: 1999, 2002 – 2005

➤ Water Portfolios

- Describe hydrologic cycle and historical water conditions with over 80 data categories for water uses, supplies & water quality



7. Improve Analytical Tools, Data & Data Exchange



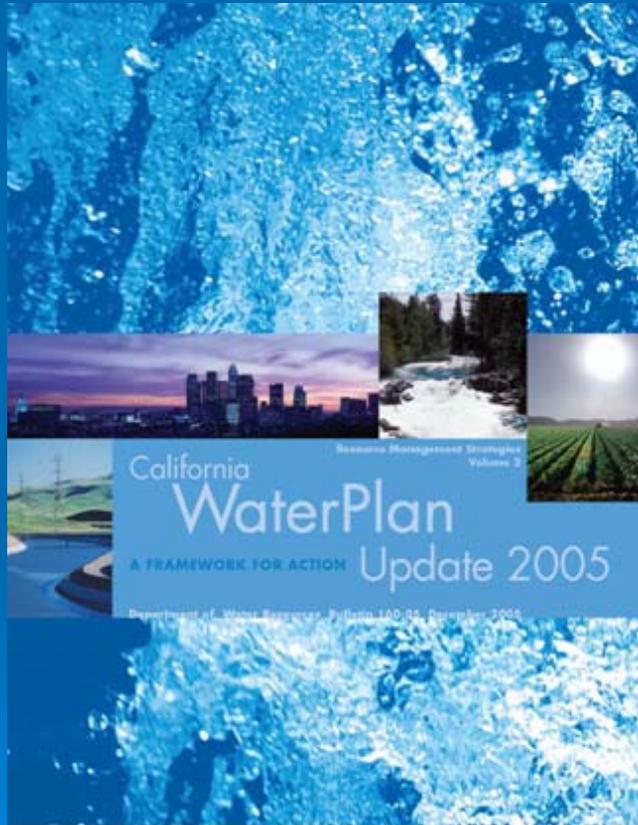
8. Incorporate Companion State Strategic Plans

- Water Boards Basin Plans
- FloodSafe Strategic Plan
- Delta Vision & Strategic Plan
- CEC Integrated Energy Policy Report
- CPUC Water Action Plan
- And Others



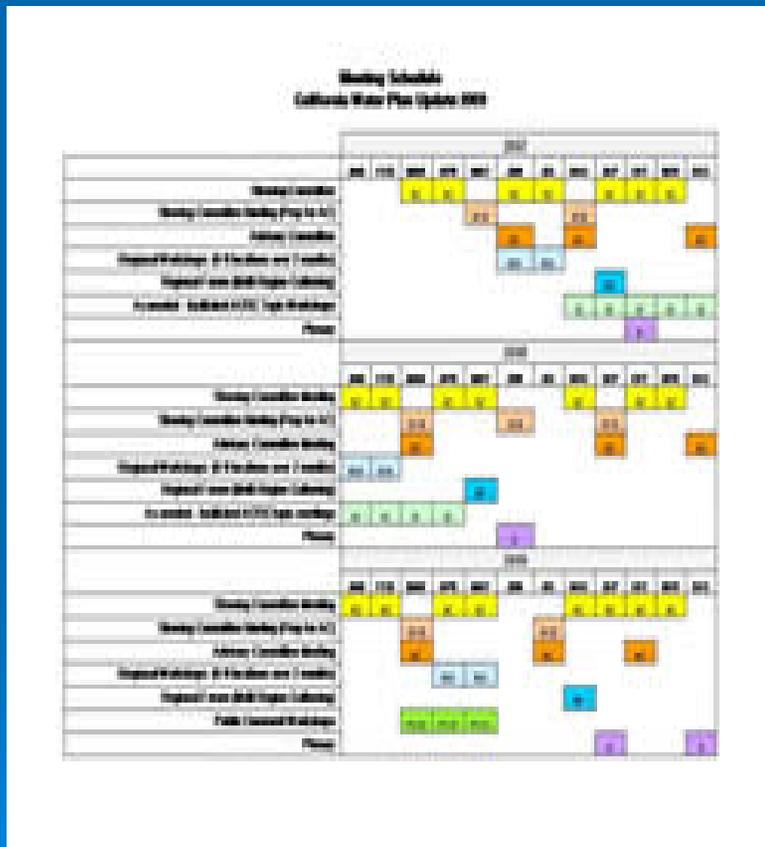
Documents & Meeting Schedule

Mandated Documents & Due Dates



- Dec. 2007 – Draft Assumptions & Estimates Report
- Dec. 2008 – Public Review Draft Final A&E Report
- Dec. 2009 – Final Water Plan

Meeting Schedule for 2007 - 2009



- 9 Advisory Committee Meetings
- 25 - 30 Regional Workshops
- 3 All-Regions Forums
- 10 - 15 SWAN Workshops
- Topical Workshops (as needed)
- 4 Plenary Summits (Everyone)
- 15 – 20 Steering Committee Mtgs
- Tribal Consultation Meetings
- Federal Coordination Meetings

Work Plan

Putting Together the
Activities, Document Review
& Meetings

Key Activities

Workbook – Top Page 7

Key Activities	GROUP NAME Table entries are (Month . Year)	Strategic Plan	Scenarios	Climate Change	Regional Reports	Management Strategies & Response Packages	Water Portfolios	Analytical Tools	Companion Plans	
	Advisory Committee	6.07 6.08 3.09	8.07 12.07 3.08	6.07 8.07 12.07 3.08		3.08 6.08 3.09		6.07 12.07	8.07 3.08 3.09	
	Regional Workshops (In-Region)	7.07	2.08		7.07 2.08	2.08	2.08		7.07	
	All-Regions Forum (Alternates North & South CA)		9.07 5.08	9.07	9.07 5.08 8.09	9.07 5.08	5.08			
	Plenary Meeting	10.07		10.07		10.07		10.07		
	SWAN Workshop		9.07 11.07	11.07			9.07			
	Tribal Water Summit	<i>Dates and Agenda for the Summit are being planned. The purpose of the summit is to enable statewide consultation on the Water Plan</i>								

Key Activities

Content Areas for
Update 2009

Key Activities	GROUP NAME Table entries are (Month . Year)	Strategic Plan	Scenarios	Climate Change	Regional Reports	Management Strategies & Response Packages	Water Portfolios	Analytical Tools	Companion Plans	
	Advisory Committee	6.07 6.08 3.09	8.07 12.07 3.08	6.07 8.07 12.07 3.08		3.08 6.08 3.09		6.07 12.07	8.07 3.08 3.09	
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Key Activities

Public Venues for
Update 2009

Key Activities	GROUP NAME Table entries are (Month . Year)	Strategic Plan	Scenarios	Climate Change	Regional Reports	Management Strategies & Response Packages	Water Portfolios	Analytical Tools	Companion Plans	
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	SWAN Workshop		9.07 11.07	11.07			9.07			
	Tribal Water Summit	<i>Dates and Agenda for the Summit are being planned. The purpose of the summit is to enable statewide consultation on the Water Plan</i>								

Key Activities

All-Regions Forum
Track

Key Activities	GROUP NAME Table entries are (Month . Year)	Strategic Plan	Scenarios	Climate Change	Regional Reports	Management Strategies & Response Packages	Water Portfolios	Analytical Tools	Companion Plans	
	Advisory Committee	6.07 6.08 3.09	8.07 12.07 3.08	6.07 8.07 12.07 3.08		3.08 6.08 3.09		6.07 12.07	8.07 3.08 3.09	
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Key Activities

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Activities covered at the September 2007 All-Regions Forum are
Scenarios, Regional Reports, and Management Strategies & Response Packages

Key Activities

Management Strategies
& Response Packages
Track

Key Activities	GROUP NAME Table entries are (Month . Year)	Strategic Plan	Scenarios	Climate Change	Regional Reports	Management Strategies & Response Packages	Water Portfolios	Analytical Tools	Companion Plans	
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	SWAN Workshop		9.07 11.07	11.07			9.07			
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Management Strategies & Response Packages

Key Activities	GROUP NAME Table entries are (Month . Year)	Management Strategies & Response Packages
	Advisory Committee	3.08 6.08 3.09
	Regional Workshops (In-Region)	2.08
	All-Regions Forum (Alternates North & South CA)	9.07 5.08
	Plenary Meeting	10.07
	SWAN Workshop	
	Tribal Water Summit	

Management Strategies & Response Packages

Key Activities	GROUP NAME Table entries are (Month . Year)	Management Strategies & Response Packages
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Management Strategies & Response Packages

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	Plenary Meeting	10.07
	SWAN Workshop	
	Tribal Water Summit	

Document Review

Workbook – Bottom Page 7

Document Review	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
	All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Document Review

Documents &
Process Review for
Update 2009

Document Review	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
	All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Document Review

Public Venues for
Update 2009

Document Review	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
	All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Document Review

Advisory Committee
Track

Document Review	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
		Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09
	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
	All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Advisory Committee – A&E Report

Document	Review	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
		Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09					
All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09			
Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09		
SWAN Workshops							

Advisory Committee – Public Review Draft

	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
	Review	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09
Document	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
	All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Advisory Committee – Reviewing Comments on PRD

	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
Document Review	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
	Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
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	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Advisory Committee – Preview of Final *Update* 2009

	GROUP NAME Table entries are (Month . Year)	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
Document Review	Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
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	Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
	SWAN Workshops					

Advisory Committee – Process Review and Scoping

Document	Review	GROUP NAME	Assumptions & Estimates Report	Public Review Draft	Review Comments	Final Update 2009	Process Review & Scope U2013
		Table entries are (Month . Year)					
		Advisory Committee	Outline 8.07 Draft 12.07	Outline 8.07 Draft 6.08 Preview 12.08	7.09	Preview 10.09	10.09
		Regional Workshops (In-Region), Public Comments for Public Review Draft		4 & 5.09			
		All-Regions Forum (Alternates North to South CA)			8.09	Last Input 08.09	
		Plenary Meeting	Outline 10.07	Admin Draft 9.08	9.09	Last Input 09.09 Preview 12.09	12.09
		SWAN Workshops					

Discussion

