

Southern California Integrated Regional Drinking Water Quality Planning



SOUTHERN CALIFORNIA REGIONAL DRINKING WATER QUALITY STRATEGY GROUP

Overview



Objectives

Project Participants

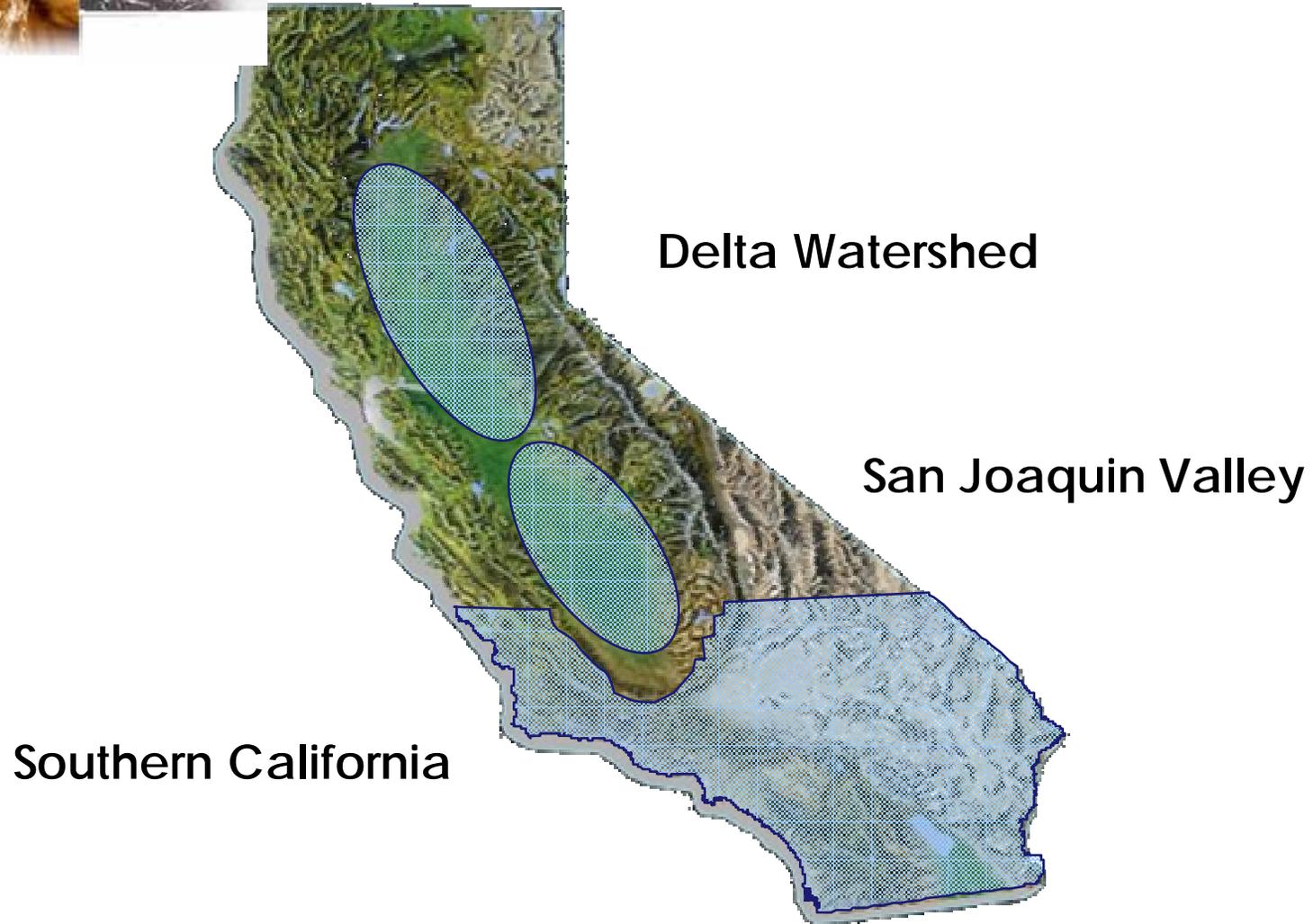
Planning Study Approach

Developing Initial Strategies

Challenges

Next Steps

Integrated WQ Planning



Why Regional Planning?



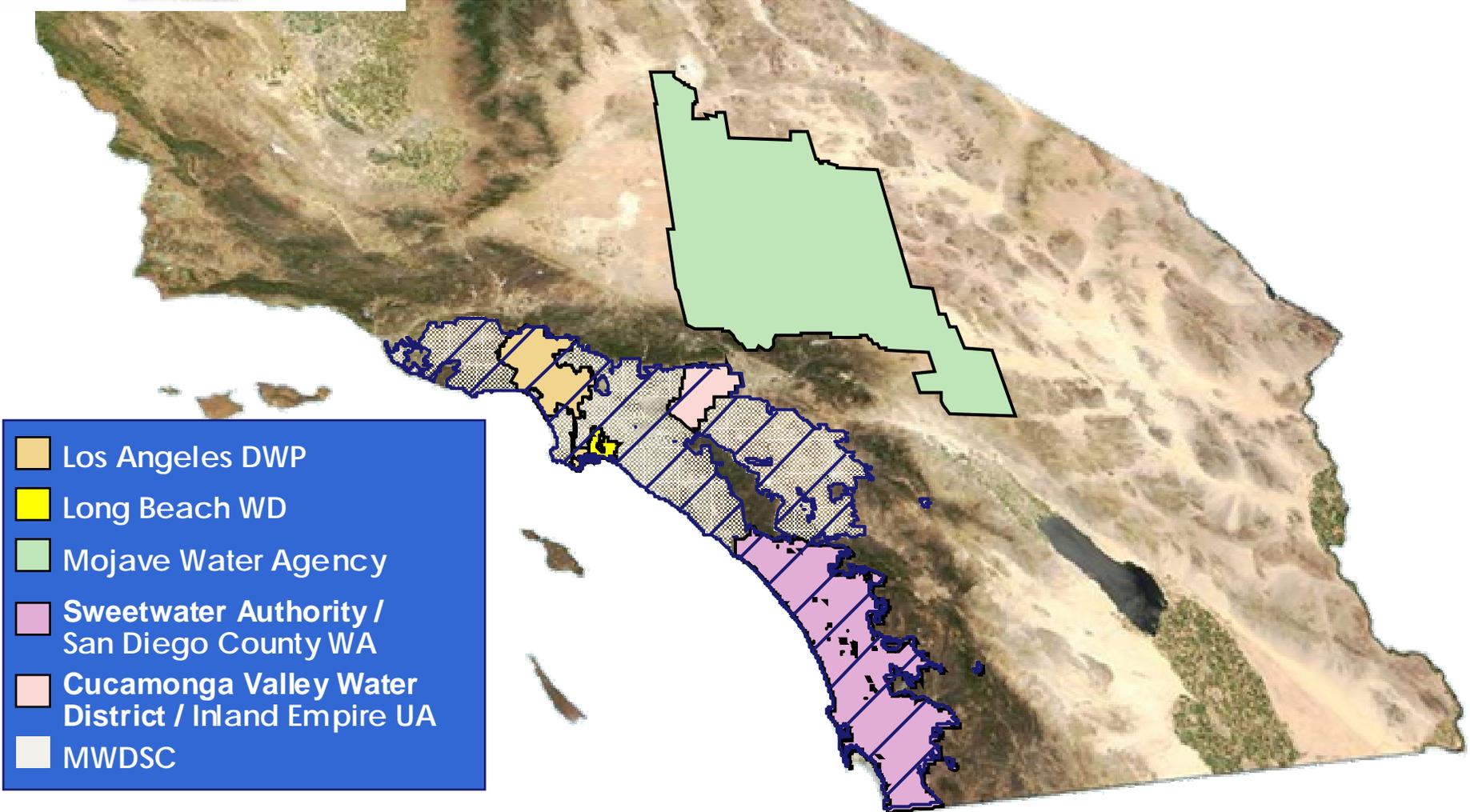
- ❖ CALFED water quality goals can't be accomplished in the Delta alone
- ❖ Regional coordination and integration required to access funding sources
- ❖ Funding provided by CALFED Drinking Water Quality Program to initiate planning

Objectives

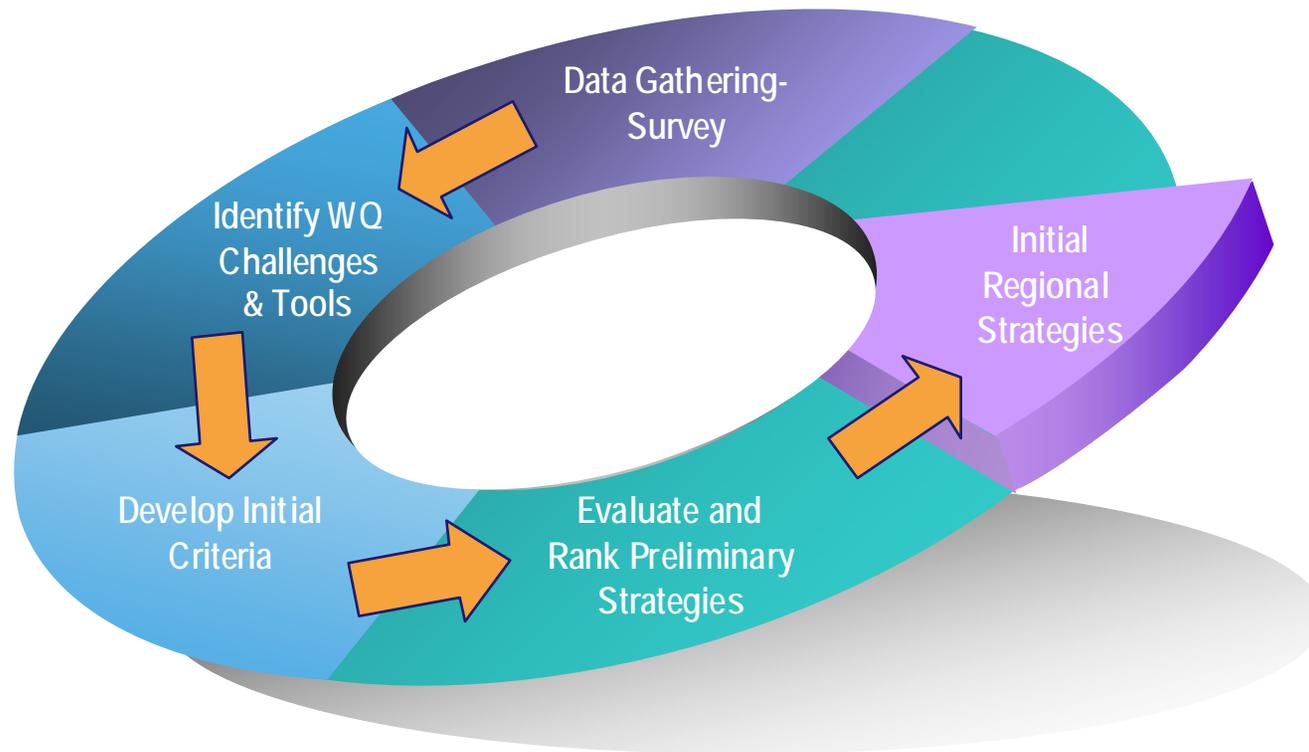


- ❖ Create a partnership to initiate integrated regional water quality planning
- ❖ Identify initial regional investment strategies
- ❖ Position the region to successfully compete for funding

Participating Agencies



Identifying Regional Strategies



The Survey



Source Waters

SWP WATER

OTHER SURFACE WATER

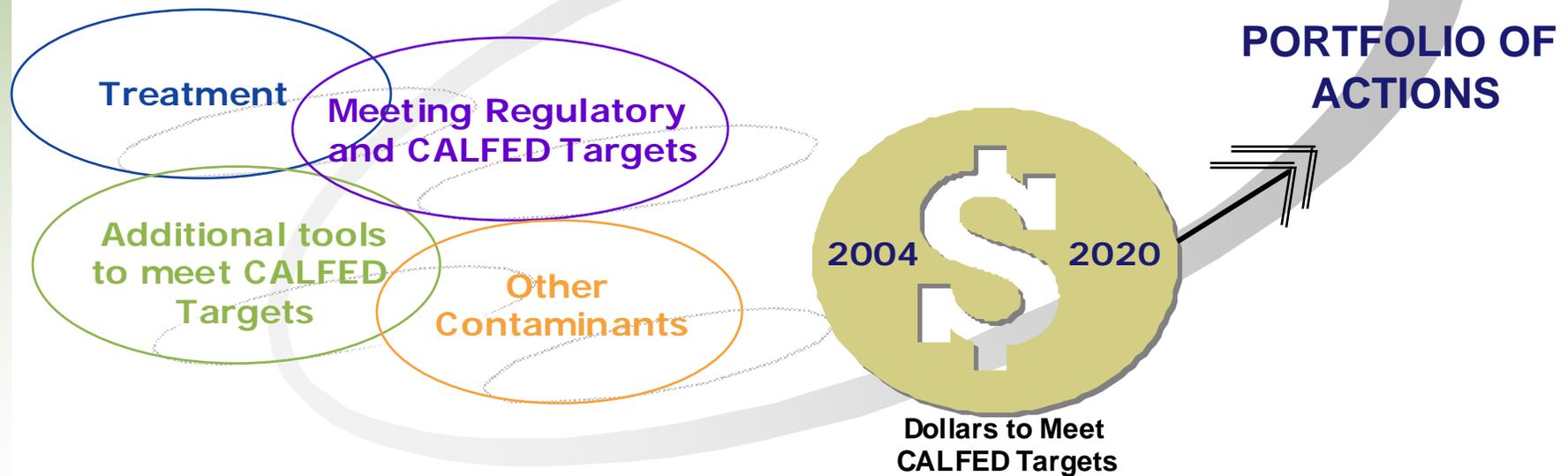
COLORADO RIVER WATER

GROUNDWATER

DESALINATION

WATER CONSERVATION

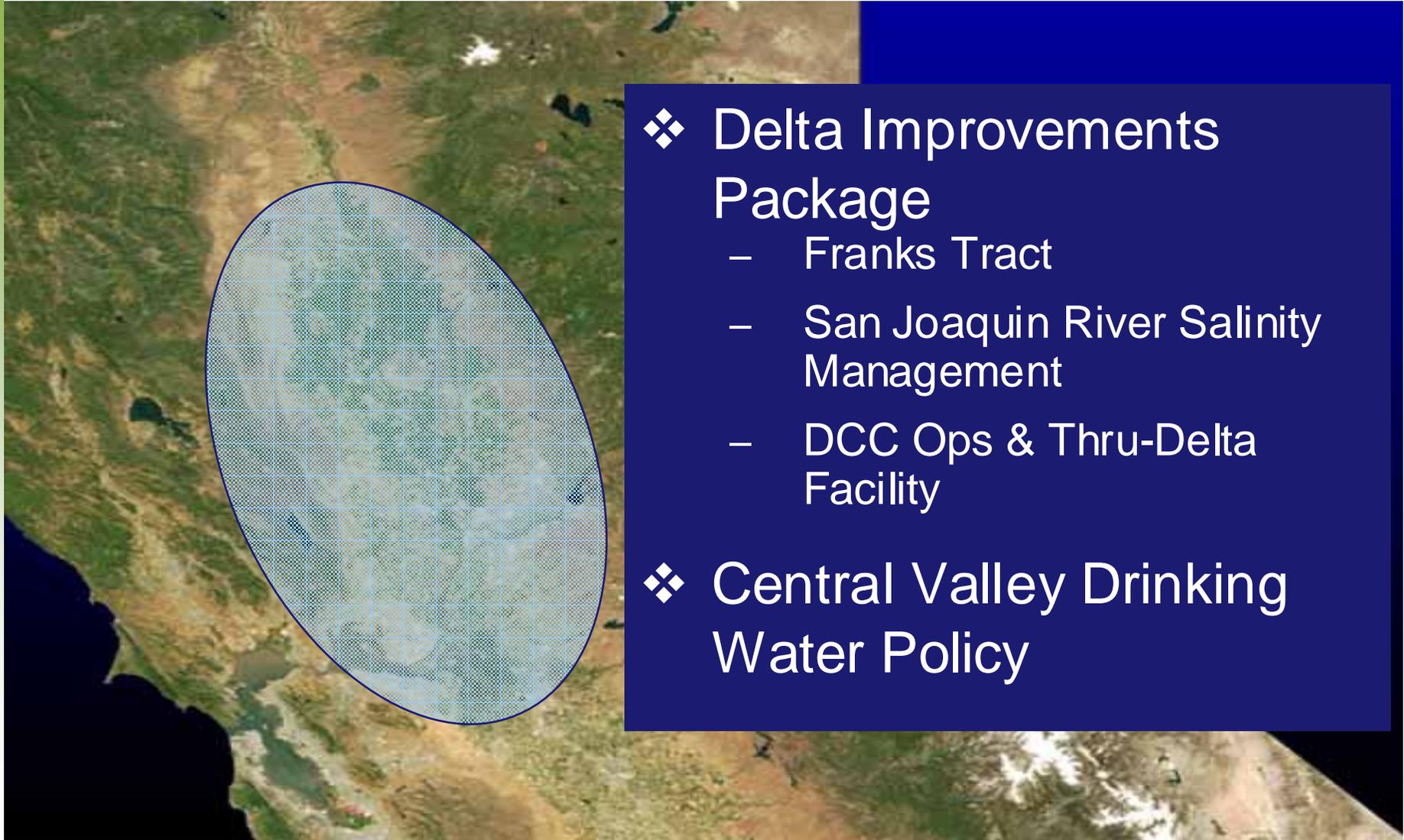
WATER RECYCLING



Source Waters



Bay-Delta Watershed



- ❖ Delta Improvements Package
 - Franks Tract
 - San Joaquin River Salinity Management
 - DCC Ops & Thru-Delta Facility
- ❖ Central Valley Drinking Water Policy

San Joaquin Valley

- ❖ Water Quality Exchange Partnerships
- ❖ Blend Control
- ❖ Other Water Management Actions

Southern California

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- ❖ Water treatment upgrades
 - ❖ Groundwater clean-up & desalting
 - ❖ Stormwater management
 - ❖ Blending
 - ❖ Watershed mgt./source WQ protection
 - ❖ WUE (conservation, recycling & desalination)

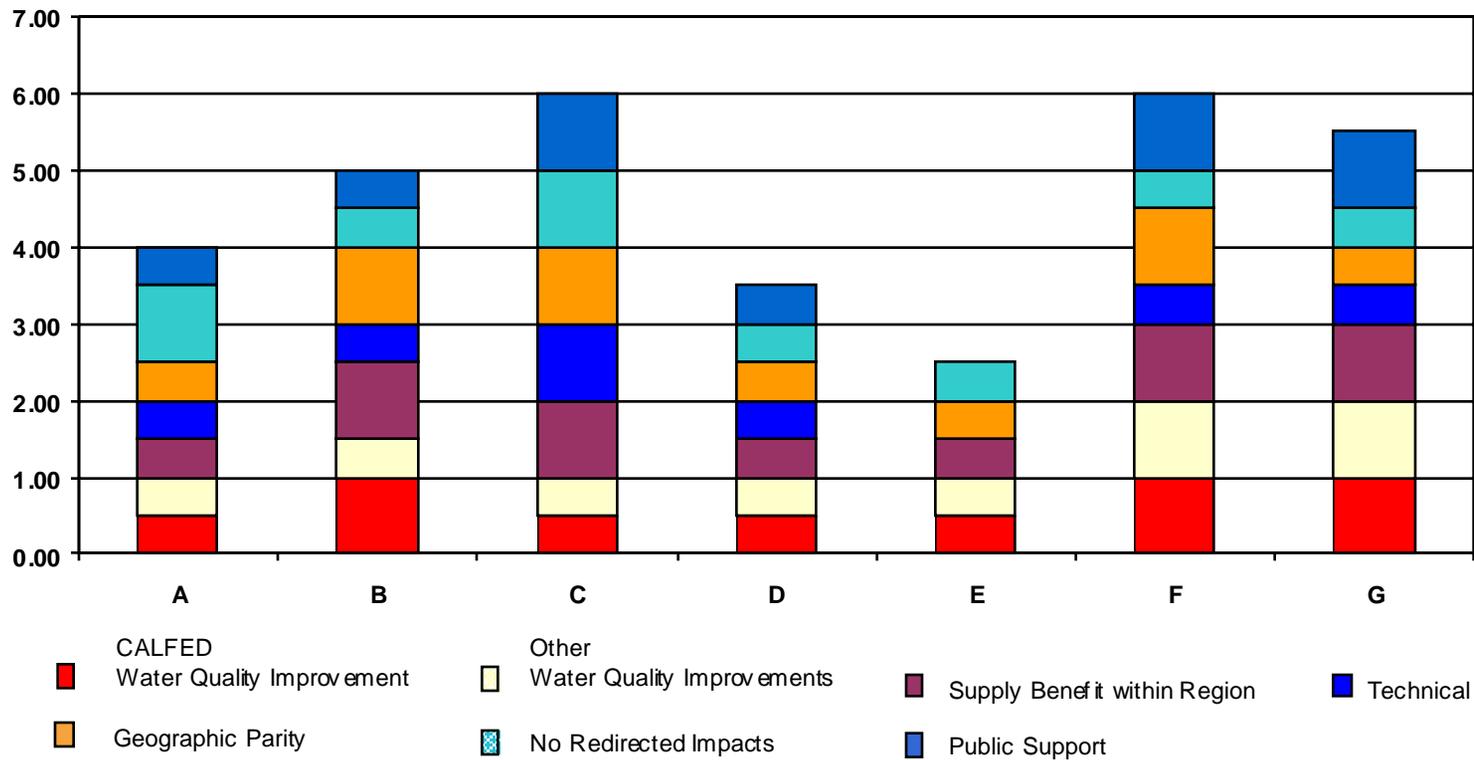
Criteria



- ❖ Other Water Quality Improvements
- ❖ CALFED Water Quality Improvements
- ❖ No Redirected Impacts
- ❖ Supply Benefit within Region
- ❖ Public Support
- ❖ Geographic Parity
- ❖ Technical or Regulatory Hurdles



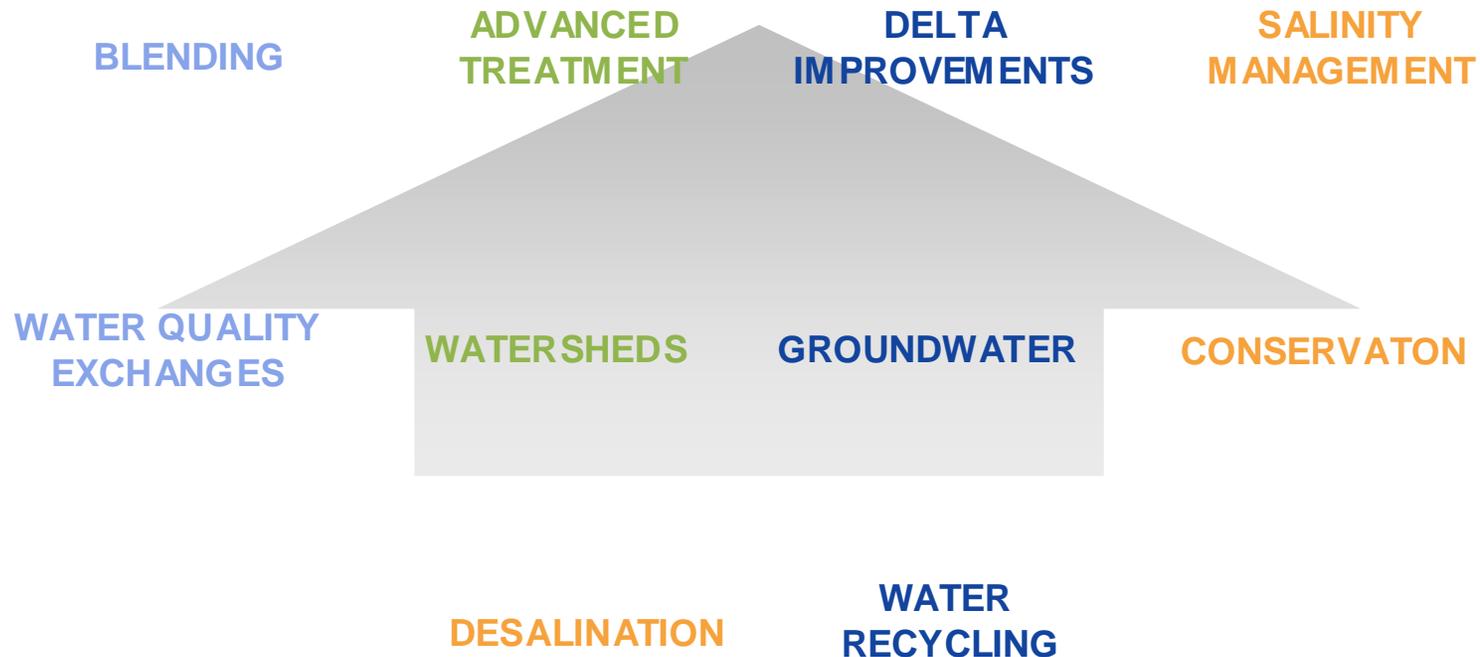
Alternative Strategies Benefit Analysis



Preliminary Strategies



Integrated and Cost-Effective



Challenges



- ❖ Cost & effectiveness information for many strategies lacking
- ❖ Making link between WQ strategies for Delta/SWP & local supplies
- ❖ Developing cohesive strategy with priorities that is supported by everyone
- ❖ Start small & build out
- ❖ Important to work through existing networks

Next Steps



OUTREACH



DATA



CALFED

Engage stakeholders in planning process.

Test and incorporate feedback on data.

Present project findings that can be incorporated into CALFED and statewide strategies.

Outreach Workshops



- ❖ **MWD Member Agency Water Quality Managers**
March 10th in Los Angeles
- ❖ **CALFED Drinking Water Quality Subcommittee**
April 1st in Sacramento
- ❖ **Southern California Water Dialogue**
March 2nd, March 23rd, and April 27th in Los Angeles
- ❖ **Southern California Water Committee**
April 15th in Riverside
- ❖ **SDCWA Member Agency Managers Meeting**
April 19th in San Diego

Special Thank You



CALFED Drinking Water Quality Program

- ❖ Mono Lake Committee
- ❖ Metropolitan Water District
- ❖ Los Angeles DWP
- ❖ San Diego CWA
- ❖ Sweetwater Authority
- ❖ Cucamonga Valley WD
- ❖ Inland Empire UA
- ❖ Long Beach WD
- ❖ Mojave WA

CH2MHILL Project Consultants