

# BAY DELTA CONSERVATION PLAN



## CENTRAL VALLEY FLOOD PROTECTION BOARD

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November 21, 2014

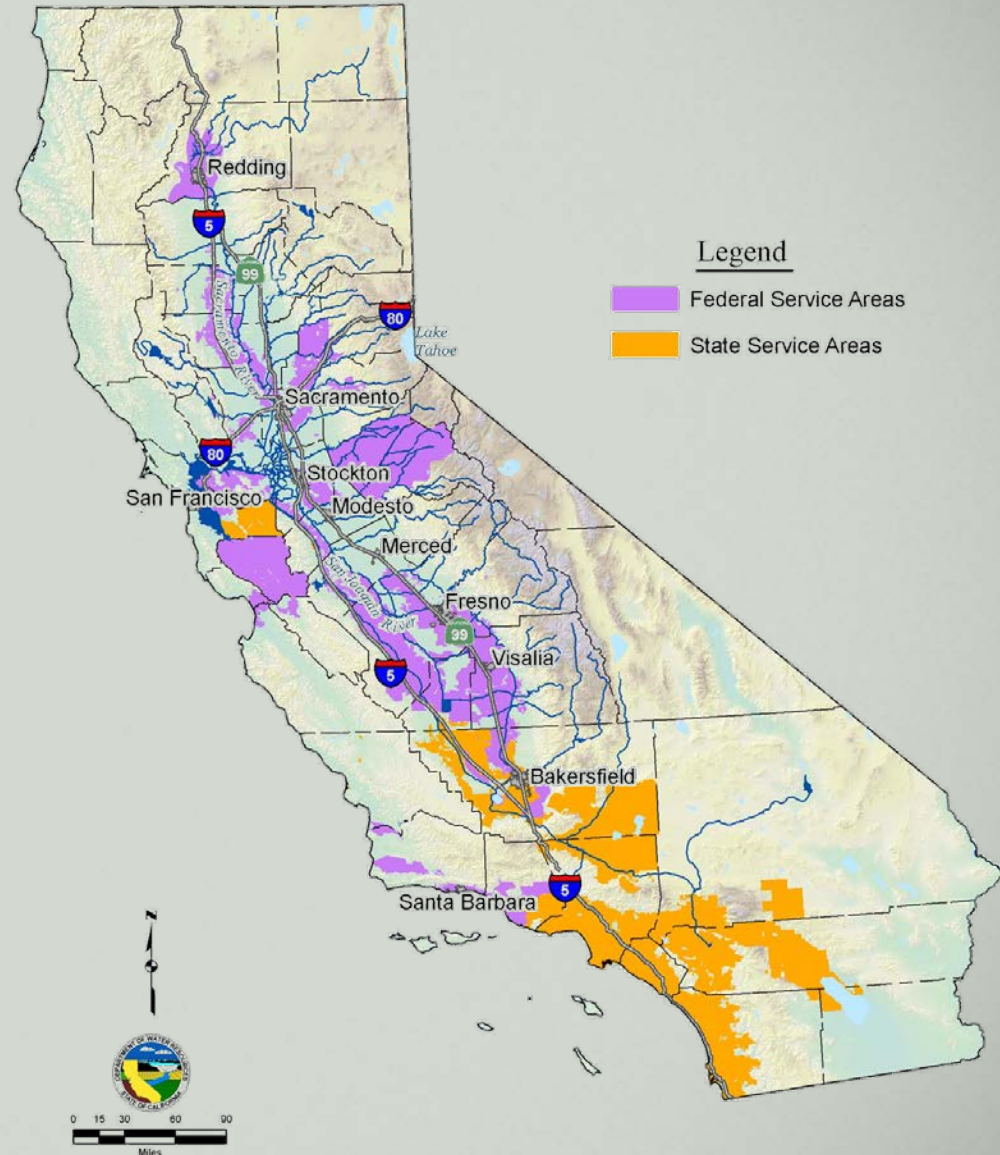
# OUTLINE

- ✓ Background information
- ✓ BDCP: A long term strategy
- ✓ Update on current activities
- ✓ Overlapping efforts

# AREAS SERVED BY DELTA WATER SUPPLIES

## Regions relying on water flowing through the Delta:

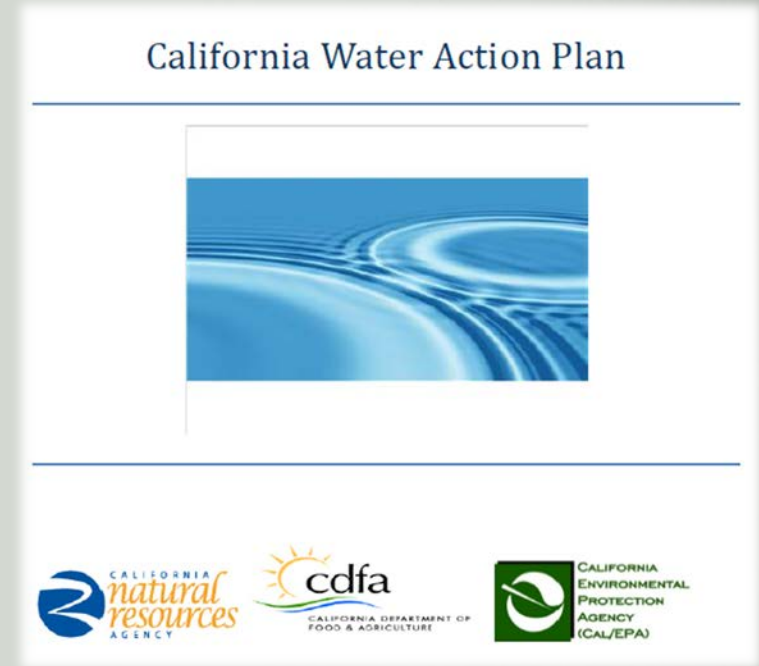
- ✓ Bay Area= 33%
- ✓ Central Valley = 23-90%
- ✓ Southern CA = 30%
- ✓ Some regions 100% dependent





# CALIFORNIA WATER ACTION PLAN

- ✓ Final plan released in January 2014
- ✓ Outlines Governor's plan for water resources over next 5 years
- ✓ Highlights priorities for key areas
- ✓ Developed with stakeholder input
- ✓ Implementation of plan is moving forward



**The final California Water Action Plan is available at  
[http://resources.ca.gov/california water action plan/](http://resources.ca.gov/california_water_action_plan/)**

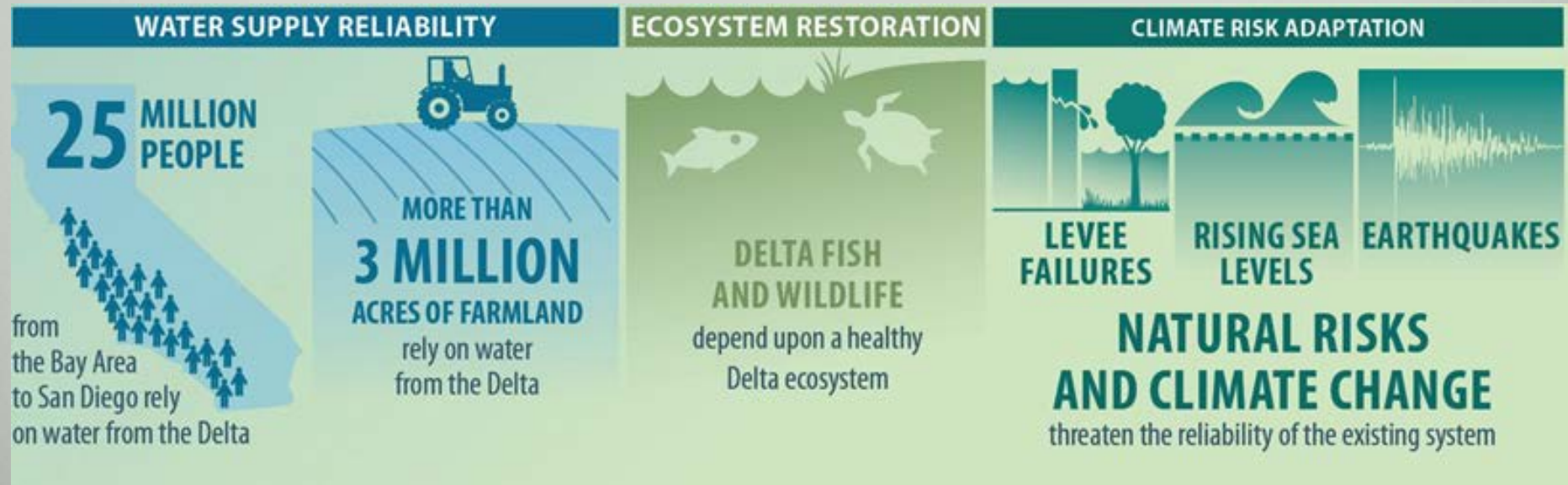
# TOP 10 ACTIONS

1. Make conservation a California way of life
2. Increase regional self-reliance and integrated water management across all levels of government
3. Achieve the co-equal goals for the Delta
4. Protect and restore important ecosystems
5. Manage and prepare for dry periods
6. Expand water storage capacity and improve groundwater management
7. Provide safe water for all communities
8. Increase flood protection
9. Increase operational and regulatory efficiency
10. Identify sustainable and integrated financing opportunities

✓ **The Water Action Plan identifies specific methods to comprehensively address each action.**

# BAY DELTA CONSERVATION PLAN (BDCP)

- ✓ Part of the overall solution
- ✓ Developed as a long term solution to address the Delta ecosystem and water supply reliability
- ✓ Through implementation of comprehensive statewide water management actions, including additional storage capacity and BDCP, the state will have more flexibility to move and store water when it is available.

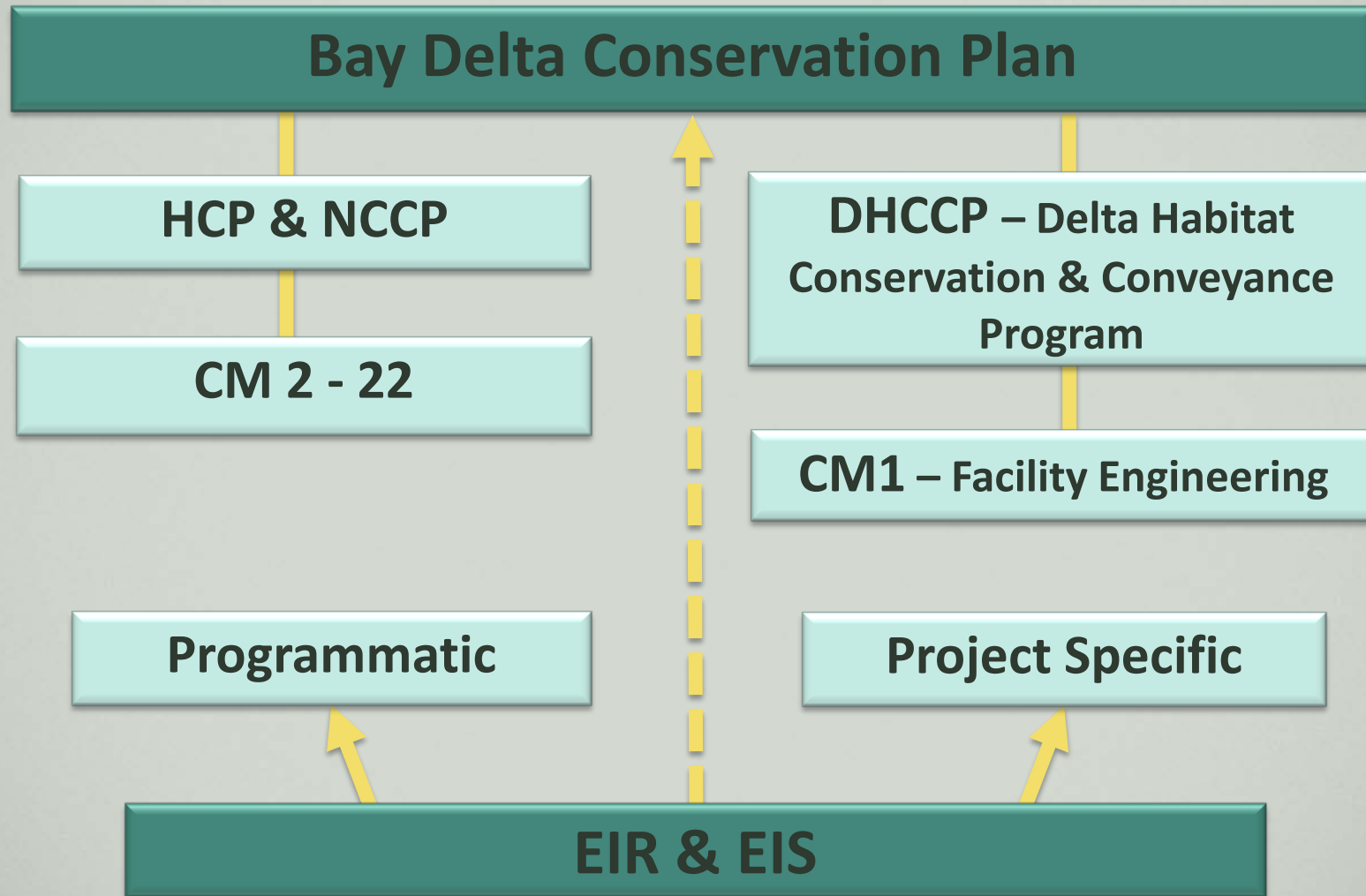


# A LONG-TERM STRATEGY...

...To secure California's water supplies, enhance the environment, and restore the health of the Sacramento-San Joaquin River Delta.



# BDCP STRUCTURE





# CONSERVATION MEASURES

- ✓ 22 Conservation Measures (CMs)
- ✓ Actions implemented to meet the 200 Biological Goals and Objectives and satisfy state and federal regulatory requirements.

CM 1	Water Facilities and Operation
CMs 2-11	Habitat Protection and Restoration
CMs 12-22	Other Stressors Reduction

# THE BDCP WOULD BENEFIT THE DELTA ECOSYSTEM

## DELTA RESTORATION

BDCP would contribute to the conservation of 56 species of fish, plants, and wildlife in the Delta.



# THE BDCP WOULD BENEFIT MILLIONS OF CALIFORNIANS

The BDCP is one part of California’s overall water portfolio. It aims to protect our unique Delta ecosystem and secure water supplies for a vast part of the California economy.



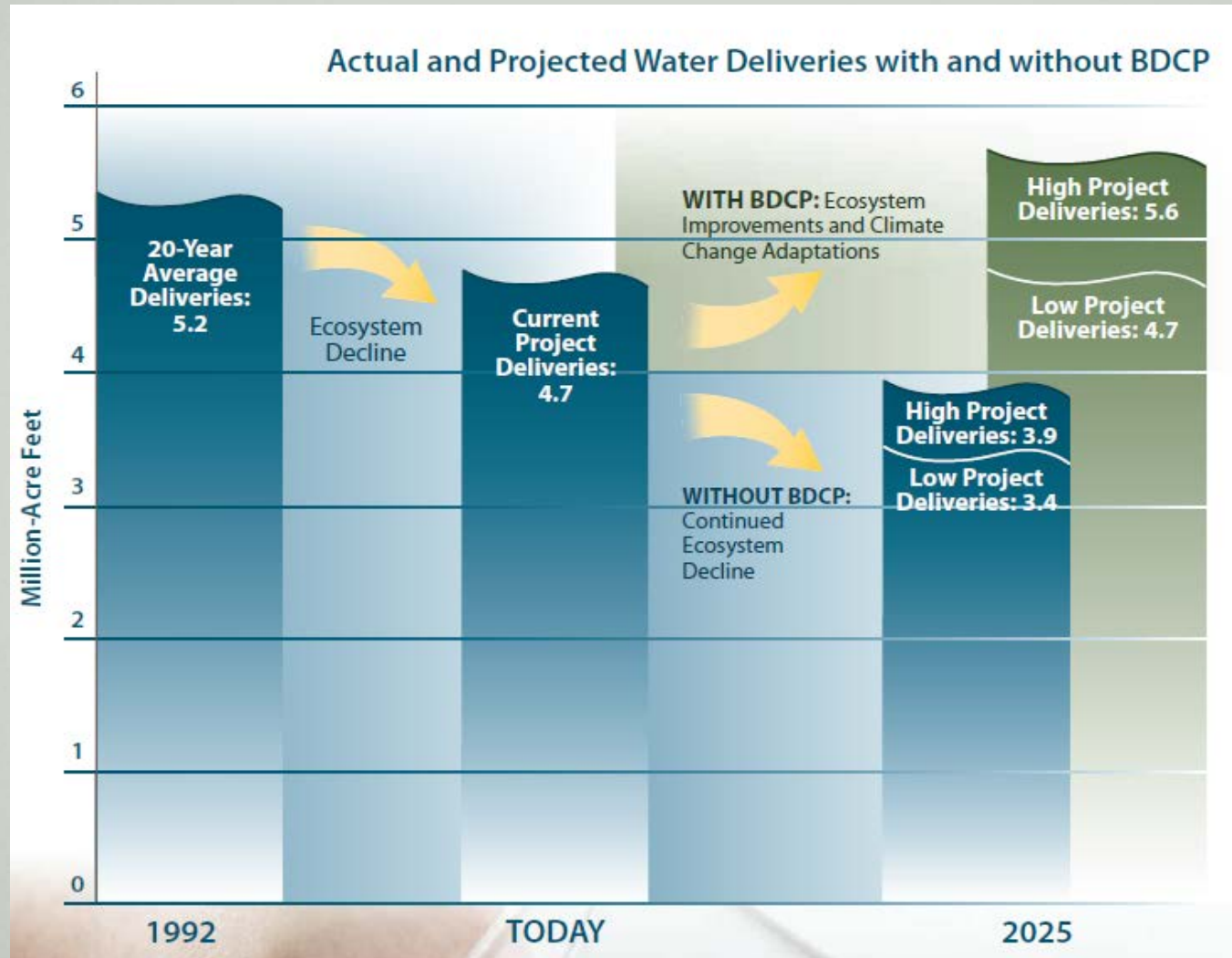
# BDCP TEMPORAL ANALYSIS

- ✓ BDCP Alternatives modeled at:
  - ✓ Early Long-Term (ELT) (2025)
  - ✓ Late Long-Term (LLT) (2060)

Factors	ELT (2025)	LLT (2060)
Sea Level Rise and Climate Change (Baselines and Alternatives)	15 cm Sea Level Rise  Climate Change at 2025	45 cm Sea Level Rise  Climate Change at 2060
Tidal Marsh Restoration (Alternatives, only)	25,000 acres of tidal marsh restoration	65,000 acres of tidal marsh restoration

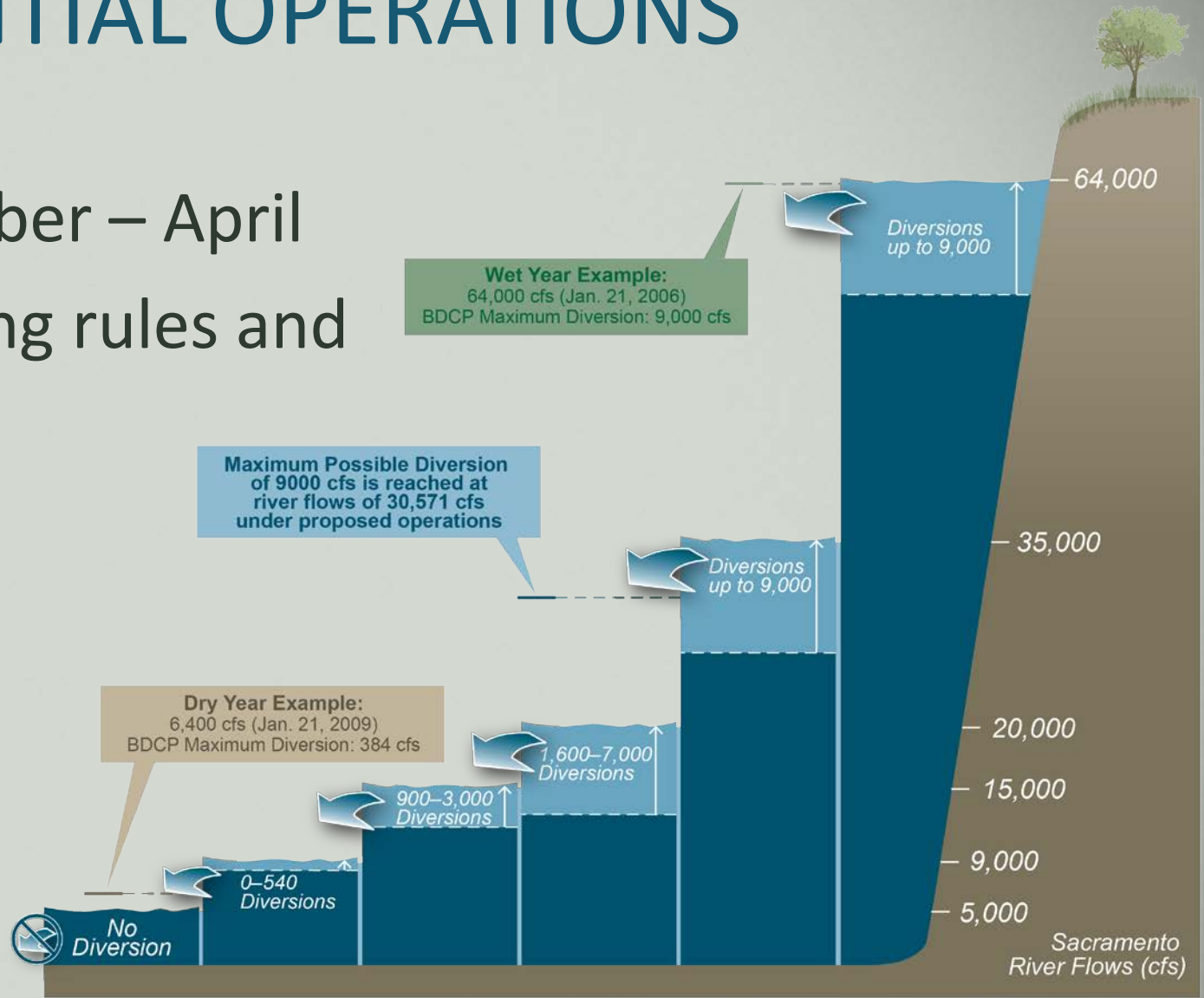


# WATER DELIVERIES – PAST AND POTENTIAL FUTURE

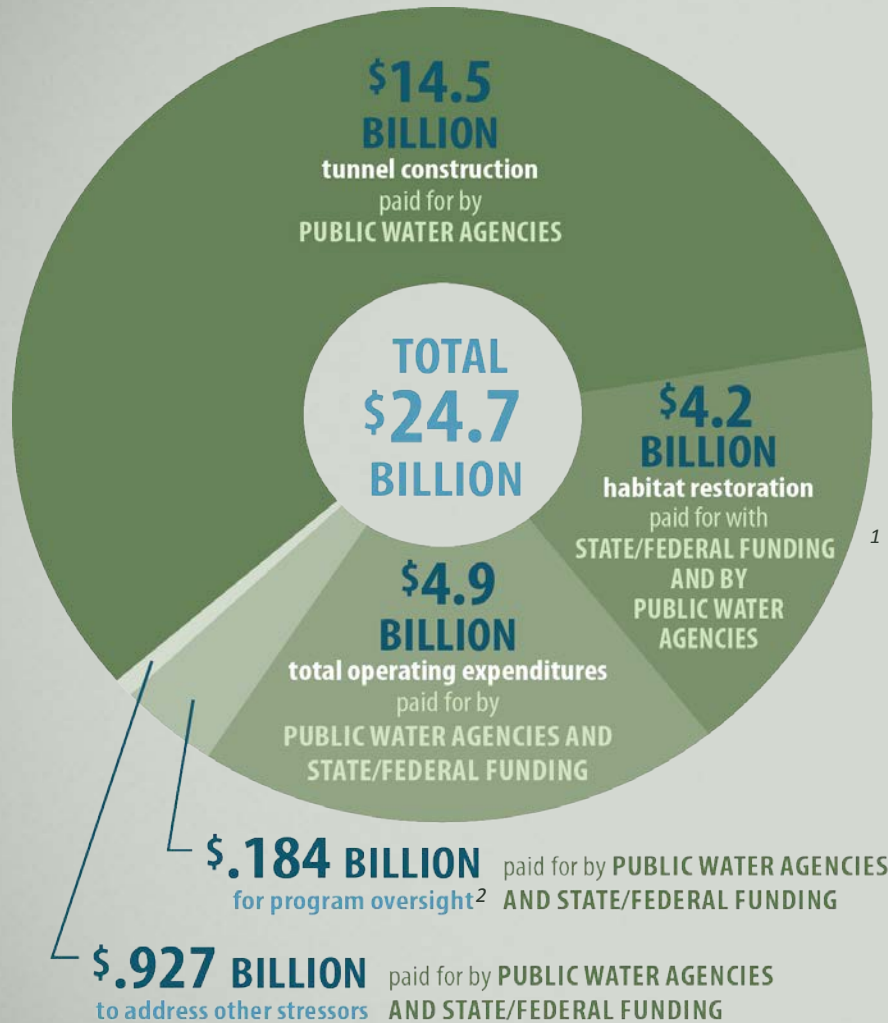


# POTENTIAL OPERATIONS

- ✓ Example of December – April
- ✓ Comply with existing rules and regulations



# COSTS AND FUNDING



The BDCP would be implemented over a 50-year period.

<sup>1</sup> The availability of federal funds will be contingent on future federal appropriations.

<sup>2</sup> Program oversight includes monitoring and research, management/administration, changed circumstances, and property tax revenue replacement.

# EMPLOYMENT IMPACT

## TOTAL EMPLOYMENT IMPACT

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The BDCP protects and creates more than 1.1 million California jobs.

TOTAL WATER FACILITY JOBS

118,772

TOTAL HABITAT RESTORATION JOBS

36,318

WATER RELIABILITY JOBS

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Statewide jobs created and protected due to economic impacts of improved water supply reliability.



980,722

TOTAL BDCP JOBS




1,135,812

\* All jobs are full-time equivalent (FTE), which is defined as one person working full-time for one year

\*\* Source: The Brattle Group. Job Analysis Memo, May 21, 2014



# WHAT BDCP DOES AND DOES NOT DO

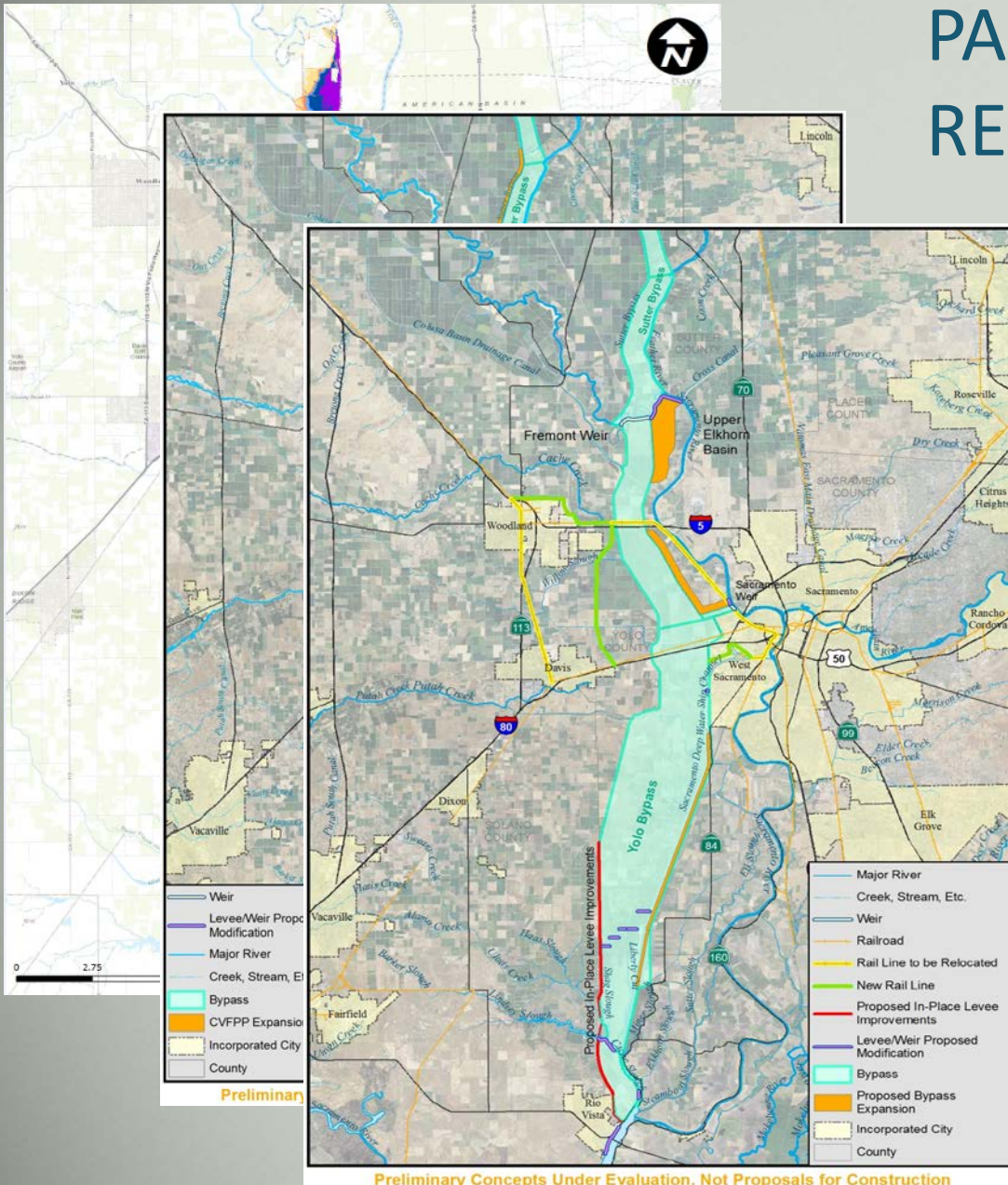
BDCP Does: 	BDCP Does Not: 	Other Projects Do: 
✓ Guard against climate change, sea level rise, and seismic risk	○ Alter existing water rights	✓ Provide for additional water storage
✓ Secure water supplies for 25 million Californians	○ Increase the amount of water exported from the Delta	✓ Manage or replenish groundwater basins
✓ Restore and protect the Delta ecosystem and improves flow conditions for fish	○ Change other state or federal regulations on water quality or water allocations	✓ Mandate additional water conservation
✓ Protect and conserve 56 species		
✓ Modernize a critical piece of California's water infrastructure		
✓ Protect jobs for 1 million Californians		

# BDCP DRAFT EIR/EIS ENVIRONMENTAL REVIEW PROCESS

- ✓ Draft EIR/EIS and Implementing Agreement prepared by State and Federal agencies
  - ✓ Public comment period
    - ✓ December 13, 2013 - July 29, 2014 (228 days total)
- ✓ Approximately 11,000 comment letters were received
  - ✓ Broad range of stakeholders, including local governments, elected officials, environmental, business, labor and community groups, and individuals.
- ✓ Partial Recirculation of Draft EIR/ Supplemental Draft EIS expected in 2015.



# PARALLEL EFFORTS - YOLO BYPASS RESTORATION OBJECTIVES



- ✓ Coordination effort being led by Kris Tjernell (CNRA)
- ✓ 2009 Biological Opinion
- ✓ BDCP Conservation Measure 2
- ✓ CVFPP - State System-wide Investment Approach
- ✓ Local and Regional objectives



# STAY INVOLVED

- (866) 924-9955
- [info@BayDeltaConservationPlan.com](mailto:info@BayDeltaConservationPlan.com)
- [www.baydeltaconservationplan.com](http://www.baydeltaconservationplan.com)
-  “BDCP\_CA”
-  Bay Delta Conservation Plan





# QUESTIONS?

For more information, visit: [www.BayDeltaConservationPlan.com](http://www.BayDeltaConservationPlan.com)

