



**INLAND EMPIRE UTILITIES AGENCY  
AND  
CHINO BASIN WATERMASTER  
JOINT BOARD WORKSHOP  
Thursday, June 27, 2019  
10:00 AM**

**At The Offices Of  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730**

**AGENDA**

**CALL TO ORDER**

**FLAG SALUTE**

**PUBLIC COMMENTS**

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) on Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a "Request to Speak" from which are available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you

**ADDITIONS TO THE AGENDA**

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

**1. INFORMATION ITEMS**

- A. OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE**
- B. INTEGRATED WATER RESOURCES PLAN – PHASE II**
- C. CHINO BASIN PROGRAM**

2. **BOARD MEMBER COMMENTS**

3. **OTHER BUSINESS**

4. **ADJOURN**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909-484-3888), 48 hours prior to scheduled meeting so that the Agency can make reasonable arrangements.



**Declaration of Posting**

Proofed by: \_\_\_\_\_

I, April Woodruff, Board Secretary/Office Manager of the Inland Empire Utilities Agency\*, A Municipal Water District, and Anna Nelson, Board Clerk/Executive Services Director, of the Chino Basin Watermaster hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and at the Chino Basin Watermaster's main office, 9641 San Bernardino Road, Rancho Cucamonga, CA on Thursday, June 20, 2019.

# IEUA/CBWM Joint Board Workshop

June 27, 2019

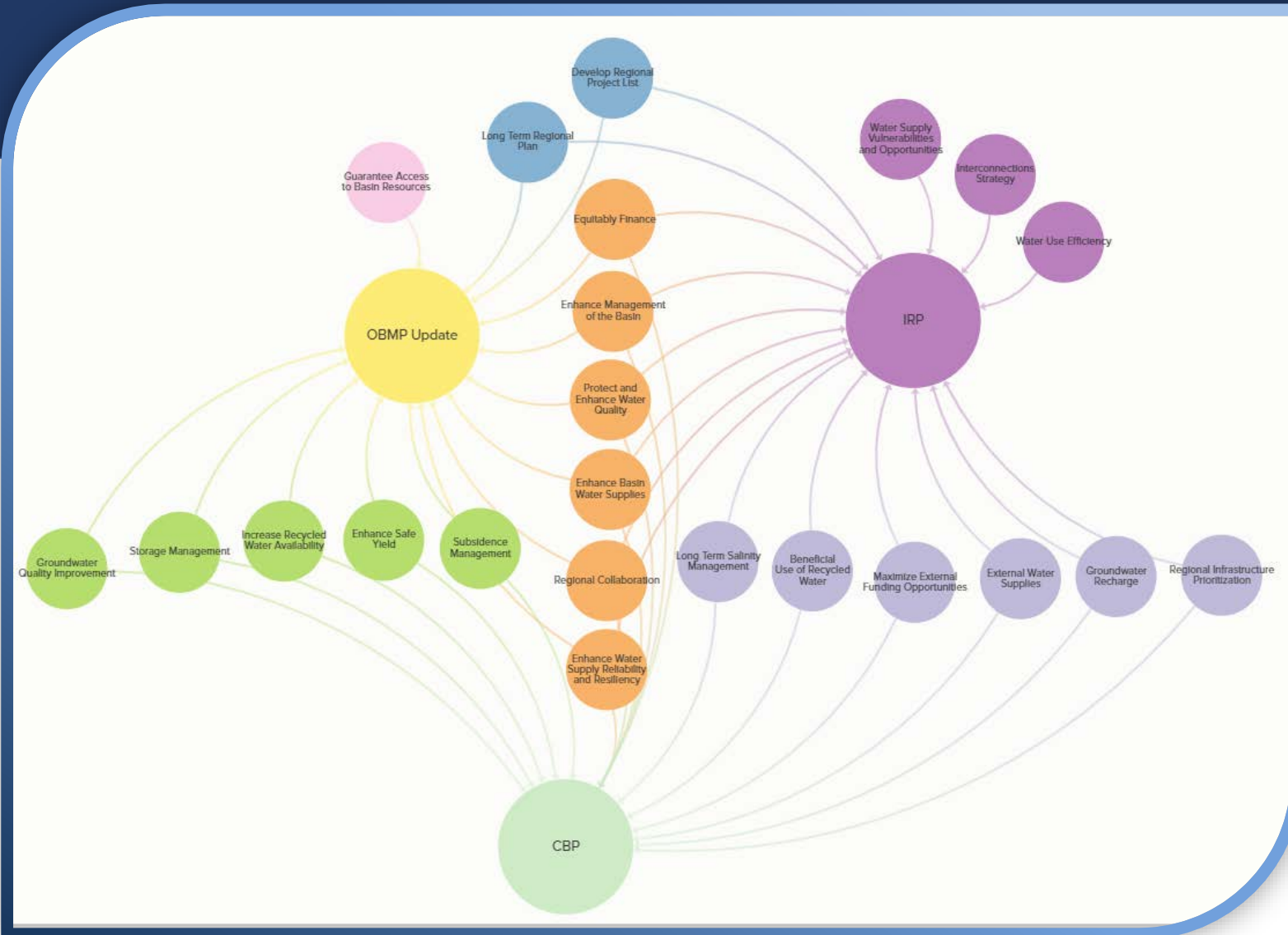


# Agenda

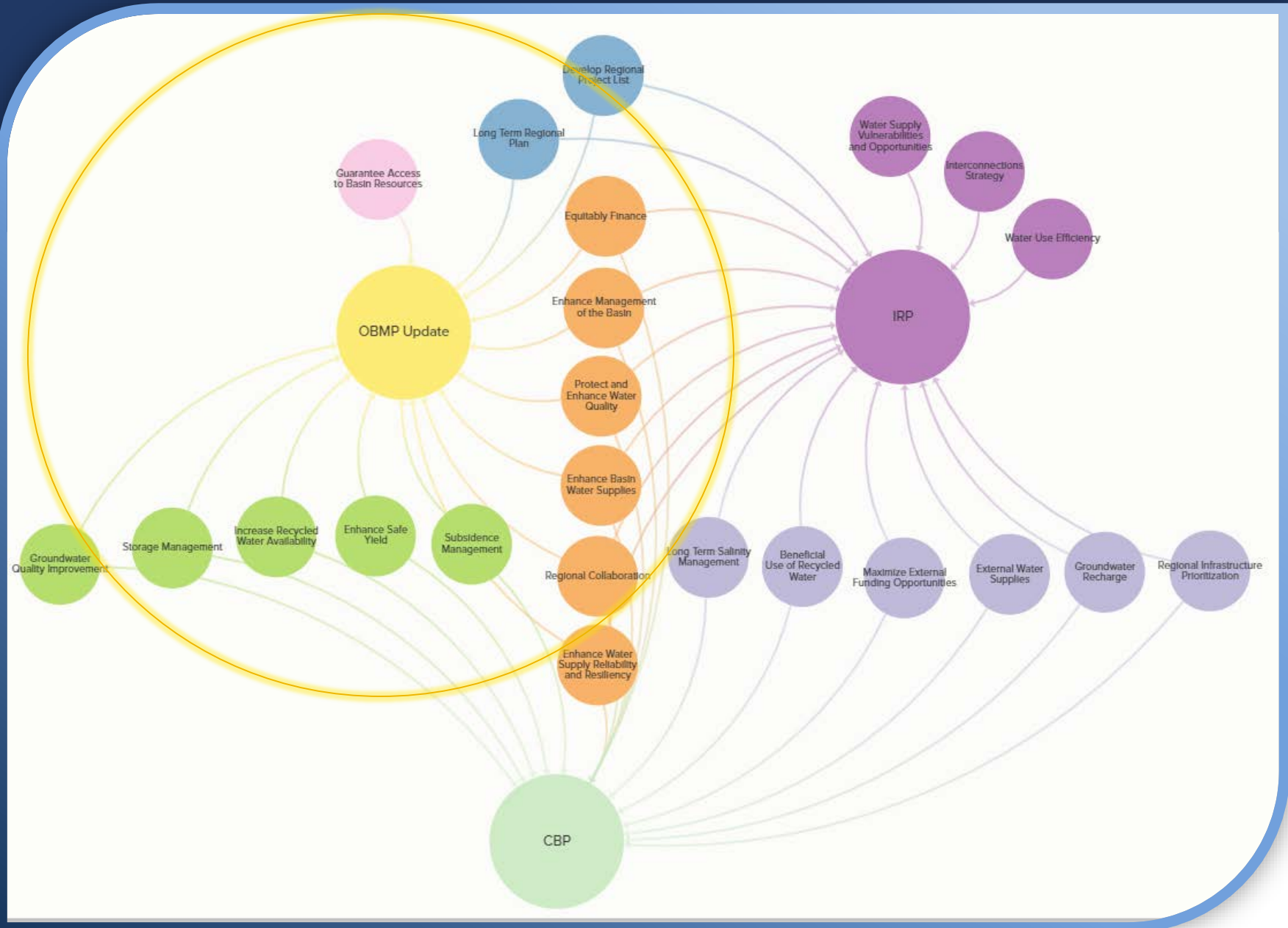
- Introductions
- Meeting purpose
- OBMP | IRP | CBP Systems schematic
- OBMP Presentation
- IRP Presentation
- CBP Presentation
- Look Ahead Schedule

# Meeting Purpose

# Systems Map: OBMPU | IRP | CBP



# OBMPU



# Optimum Basin Management Program Update (OBMPU)



# History of the OBMP and its implementation

- Why was the OBMP created?
- How did we develop and implement it?
- What did we accomplish in implementing the OBMP?

# Why was the OBMP created?

- Paragraph 41 of the Judgment provides that “Watermaster, with advice of the Advisory and Pool Committees, is granted discretionary powers in order to develop an optimum basin management program for Chino Basin, including both water quantity and quality considerations.”
- Confronted with the then-existing challenges and opportunities facing the Basin, Judge Gunn ordered Watermaster to complete an OBMP by June 30, 2000.

# Accomplishments

- Storm and Supplemental Water Recharge
- Subsidence Management Plan
- Basin Plan Update / Maximum Benefit
- Recycled Water Recharge and Direct Use
- Desalters
- Hydraulic Control
- Storage and Recovery (e.g. Dry Year Yield)

# Exhibit 1 – Drivers and Trends and Their Implications 2020 OBMP Update

Drivers

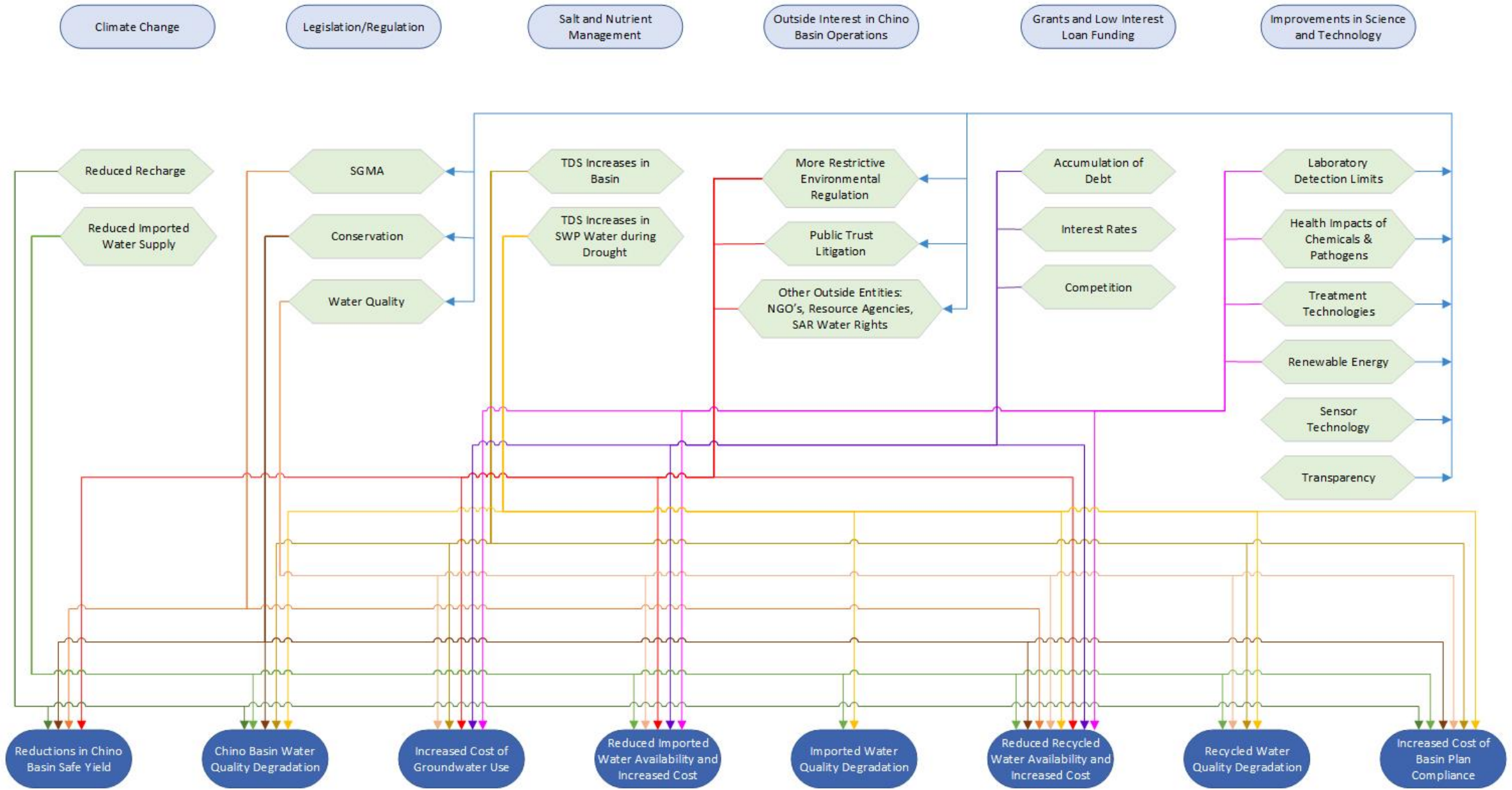
Drivers

Trends

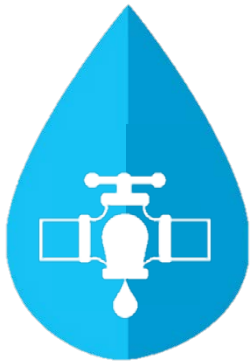
Trends

Implications

Implications



# 2020 OBMP Goals



Enhance Basin  
Water Supplies



Protect and Enhance  
Water Quality



Enhance Management of  
the Basin



Equitably Finance the  
OBMP

# OBMP Process



Sep 2018 - Feb 2020

## Develop Scope of OBMP Update



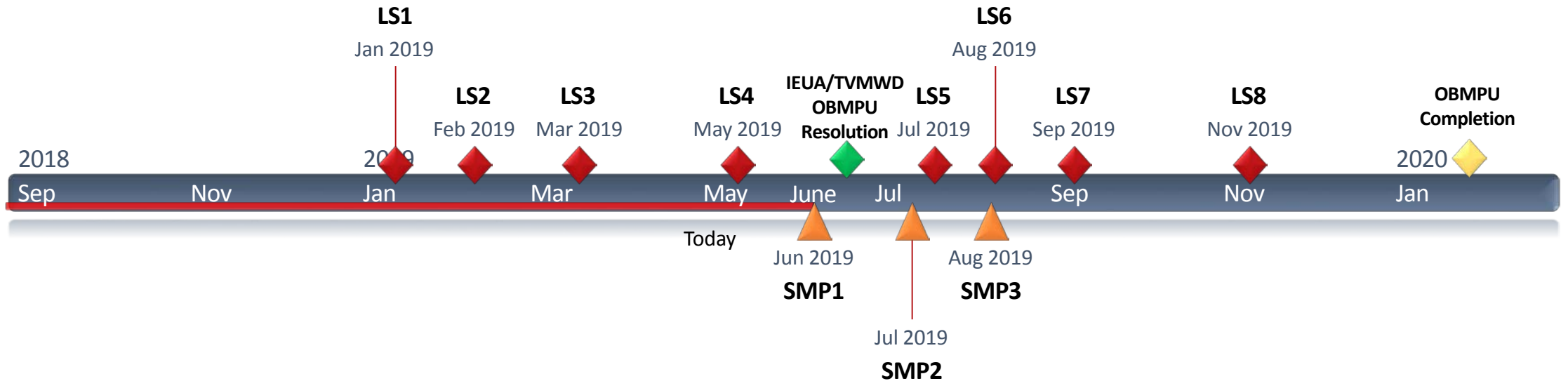
## Prepare TM 1



## Develop OBMP Implementation Plan



## Prepare TM 2



## Prepare Draft Storage Management Plan

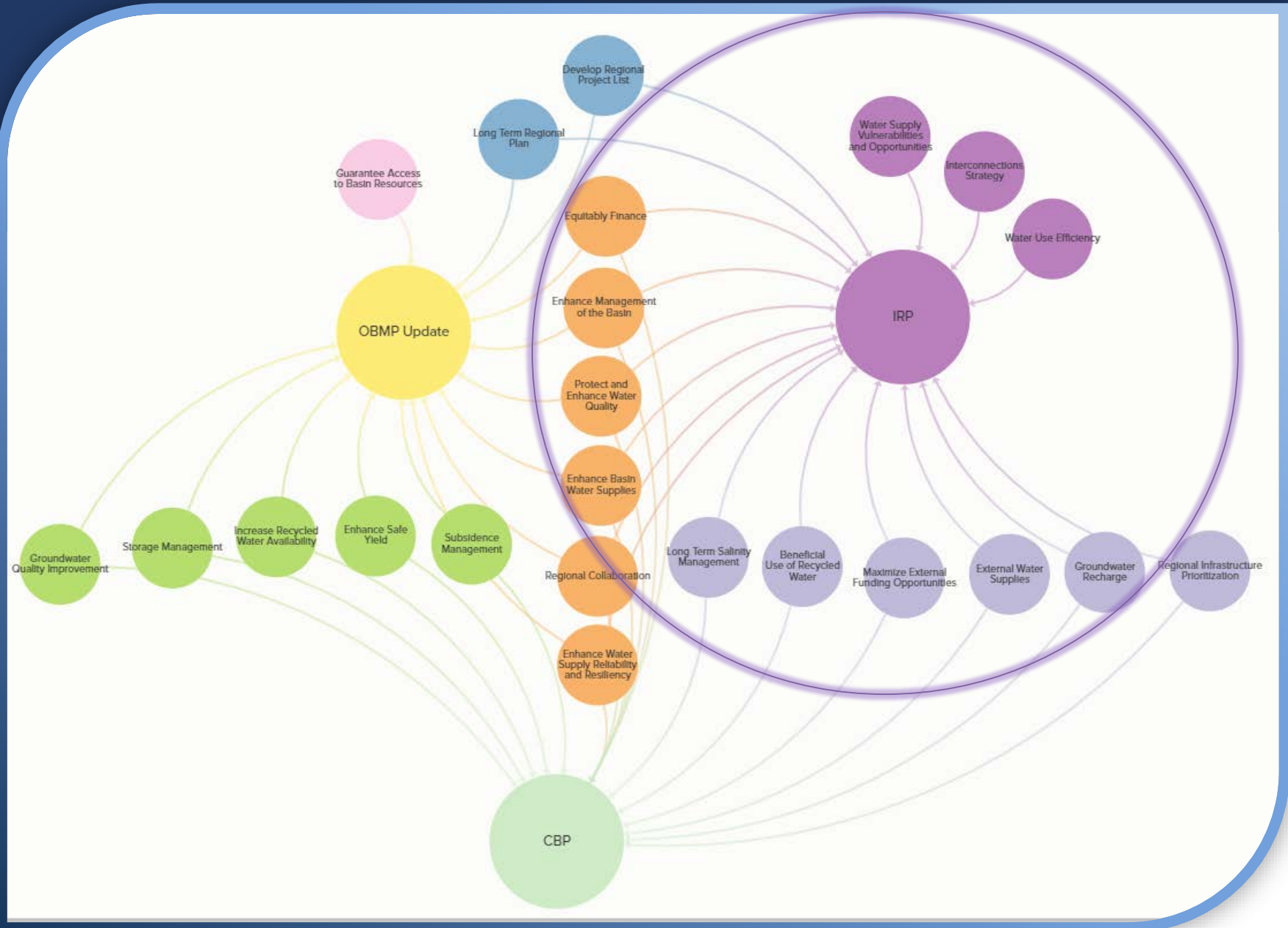


## Prepare Final Storage Management Plan



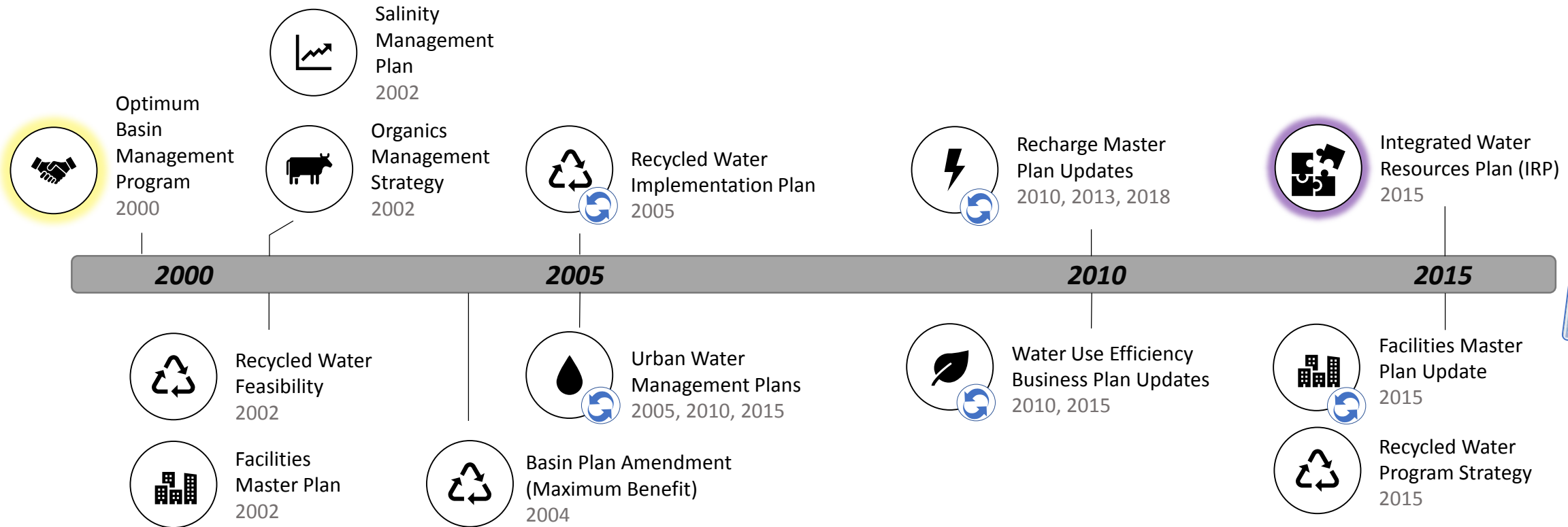


# IRP





# Foundational Documents



# Integrated Water Resources Plan

## **Key Goals:**

- Regional long-term implementation strategy
- Strategically position the region for funding opportunities

## **Background:**

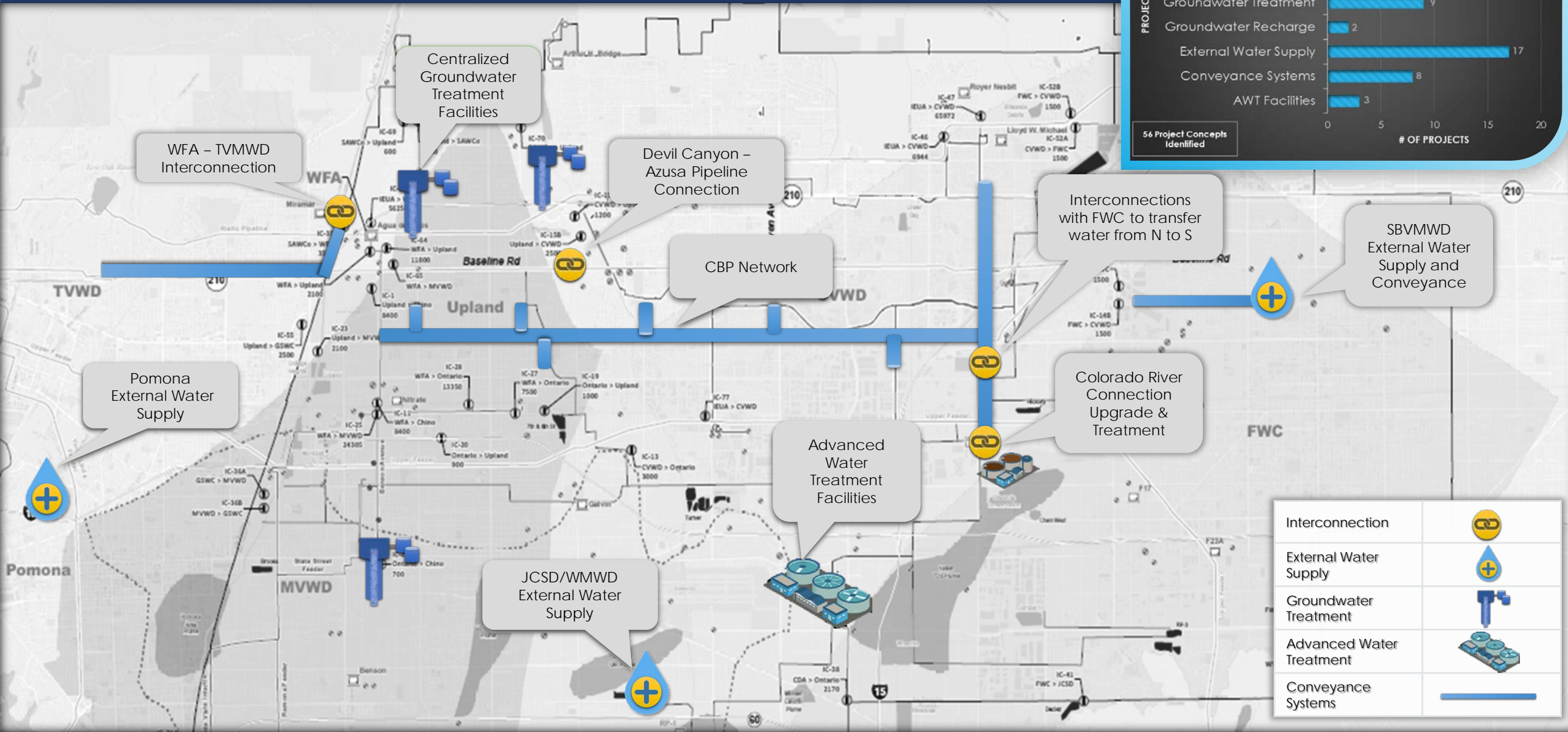
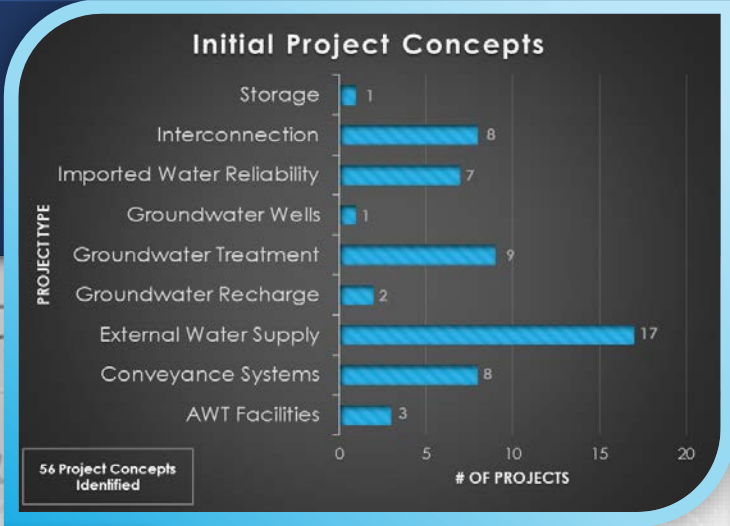
- Evaluated growth, development, and water demand patterns
- Assessed water needs and supplies
- Phase 2 is a continuation of the 2015 IRP

## **Modeling Scenarios:**

- 1) Loss of imported water supply (long-term shutdown)
- 2) % Loss of imported water from MWD allocation
- 3) Multi-year drought
- 4) Water quality impairment
- 5) Water movement/management (hybrid)



# Project Concepts Snapshot

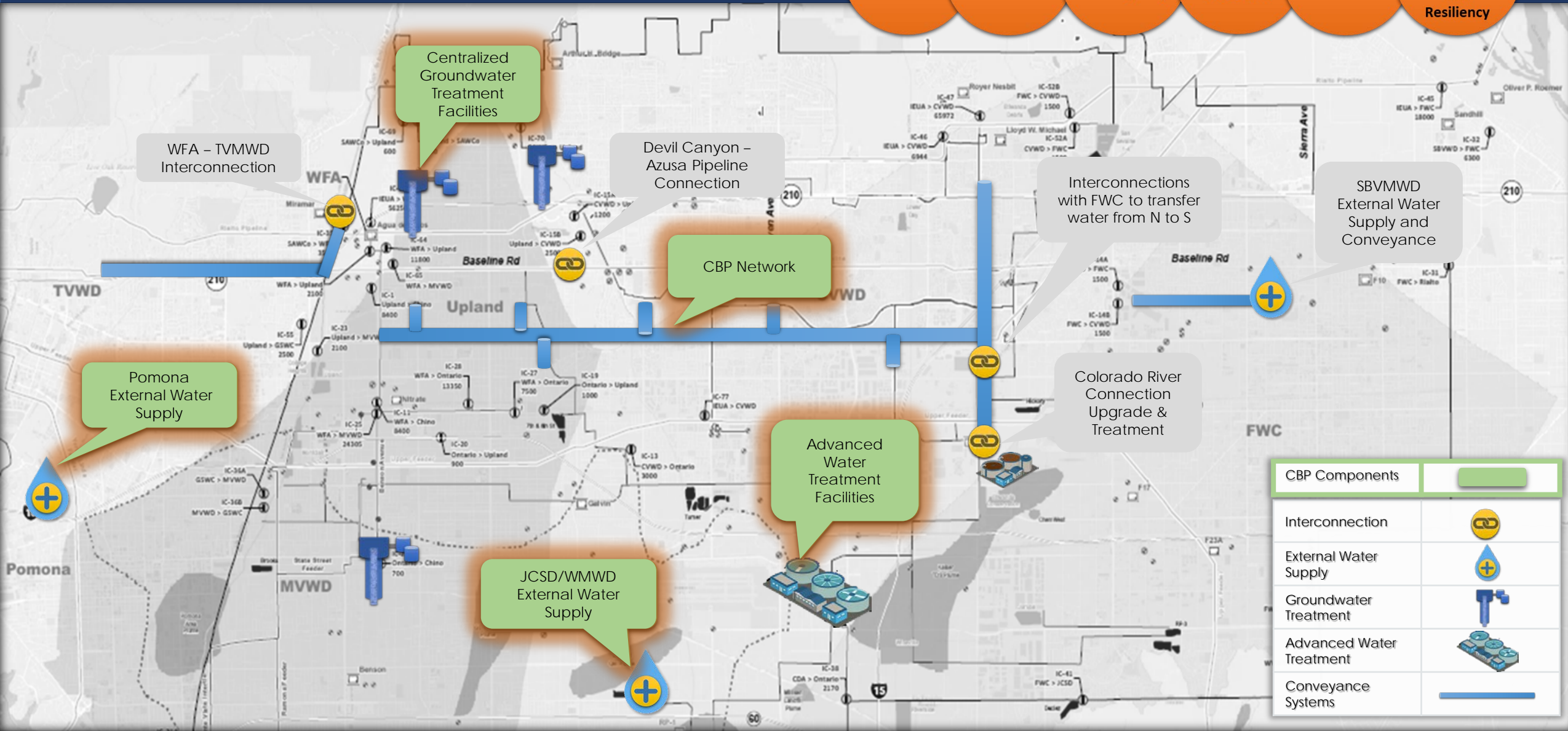


Interconnection	
External Water Supply	
Groundwater Treatment	
Advanced Water Treatment	
Conveyance Systems	



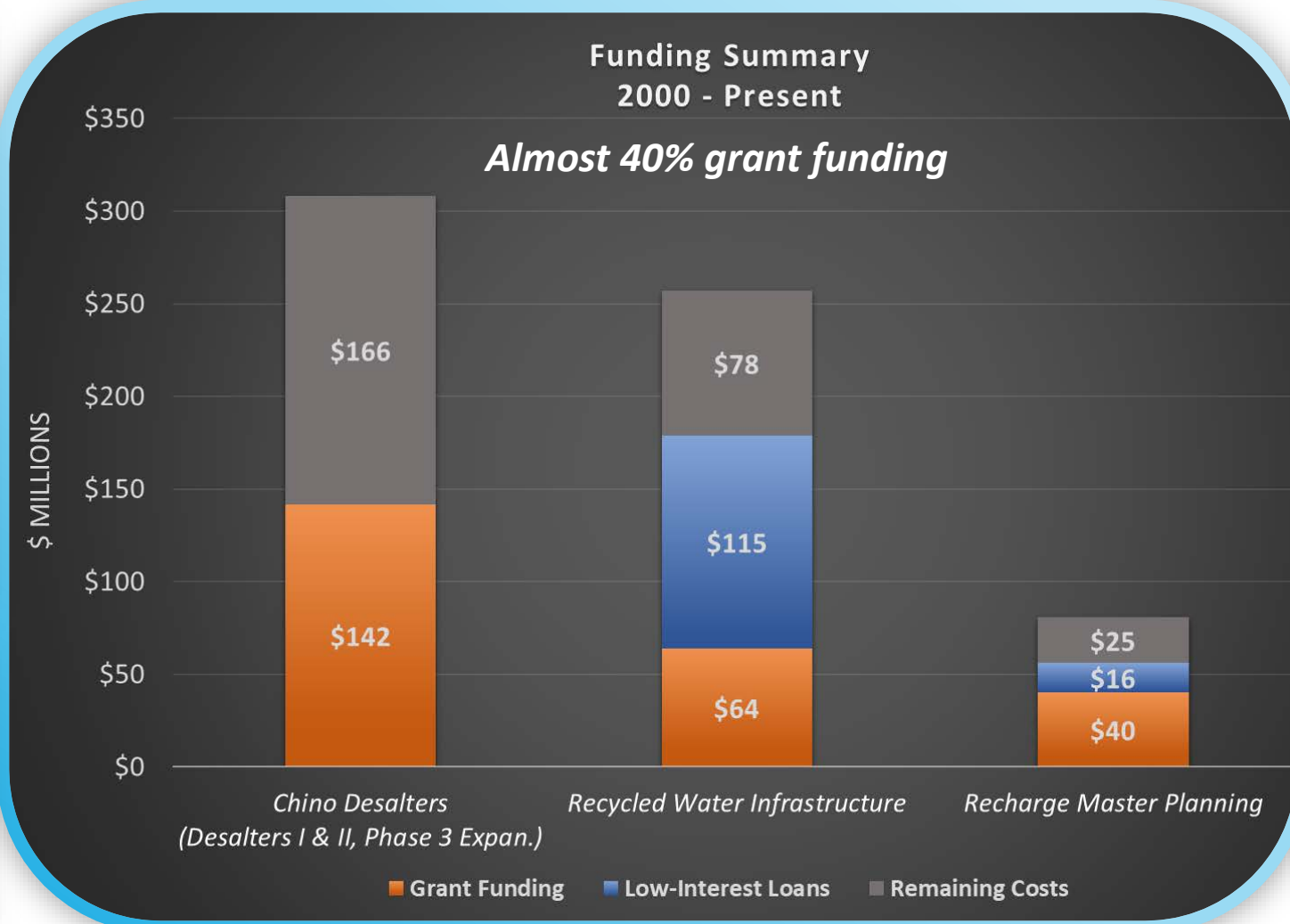
# Project Concepts Snapshot

- Equitably Finance
- Enhance Management of the Basin
- Protect and Enhance Water Quality
- Enhance Basin Water Supplies
- Regional Collaboration
- Enhance Water Supply Reliability and Resiliency



CBP Components	
Interconnection	
External Water Supply	
Groundwater Treatment	
Advanced Water Treatment	
Conveyance Systems	

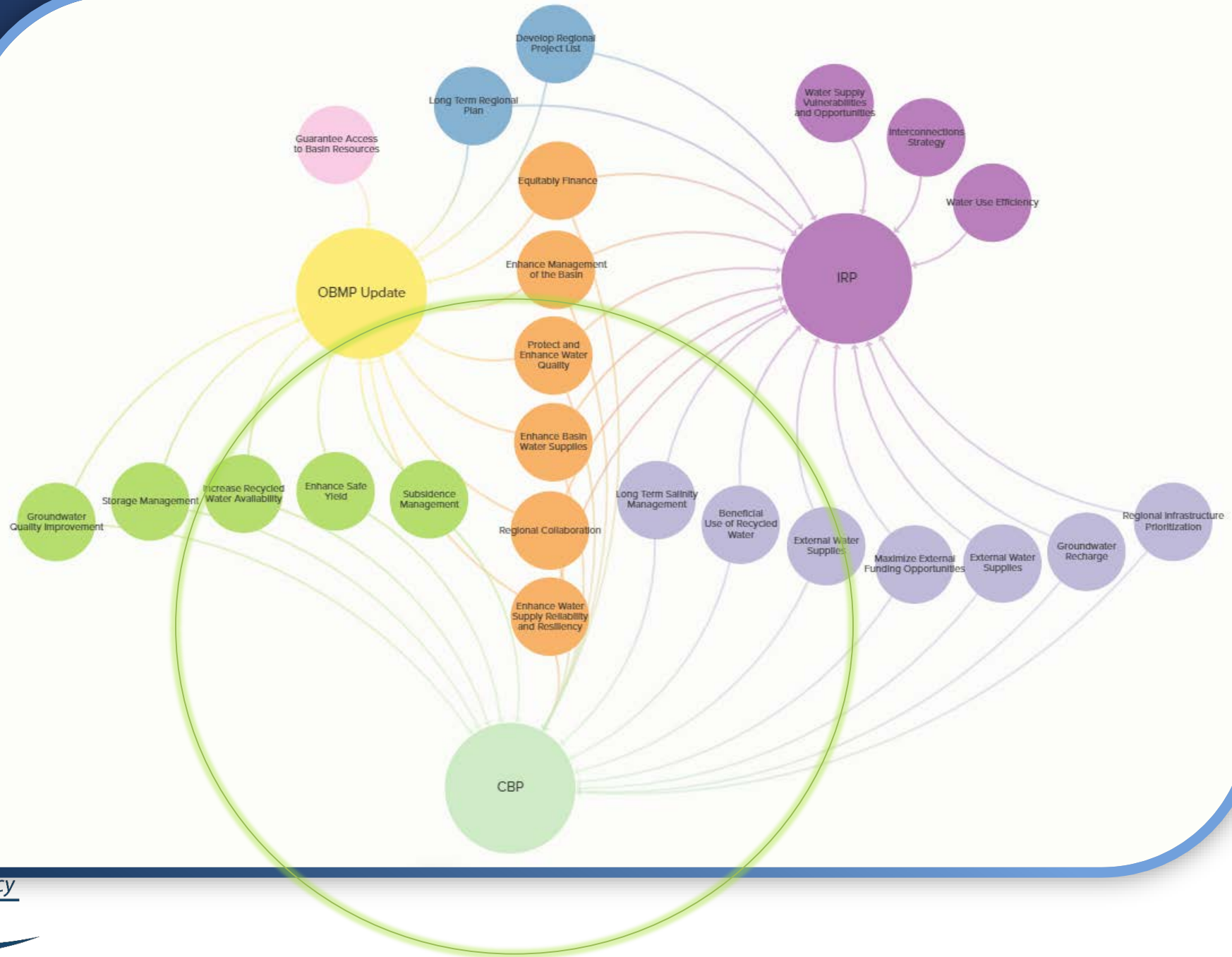
# Major Regional Program Funding



## Funding Opportunities:

- Title XVI Water Reclamation and Reuse
- WaterSMART Program
- Integrated Regional Water Management
- State Revolving Fund Program
- Proposition 1, Proposition 68, Future Propositions
- Future Programs

# CBP



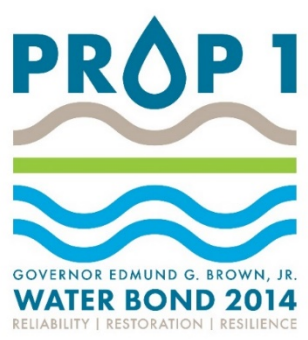


# Overview for the CBWM/IEUA Ad Hoc Committee

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# Now is the Time to Make Every Drop Count



IEUA's Largest Funding Award

**\$207 million**

Award toward \$385M project.

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**54%**

of CBP capital funded

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Up to 15 TAF annually of advanced treated recycled water

**8 years earlier**



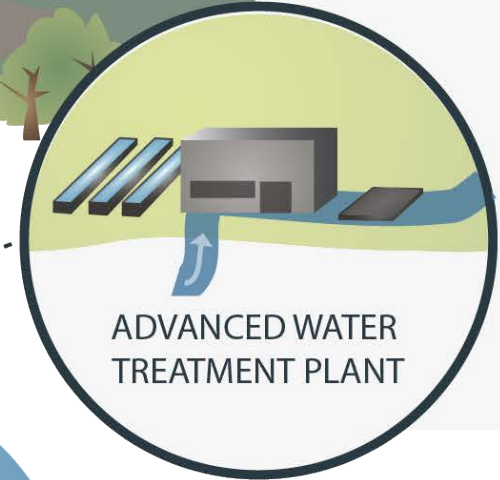
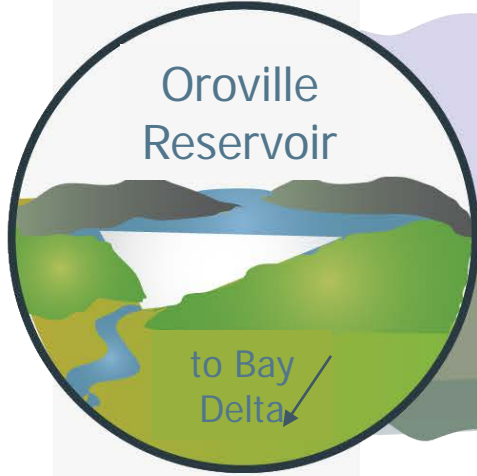


# CBP Operations

State investment in local projects to facilitate exchange with State Water Contractor

## So-Cal / Nor-Cal Water Exchange

release flows to support Feather River in dry years, 7.5 times over 25 years

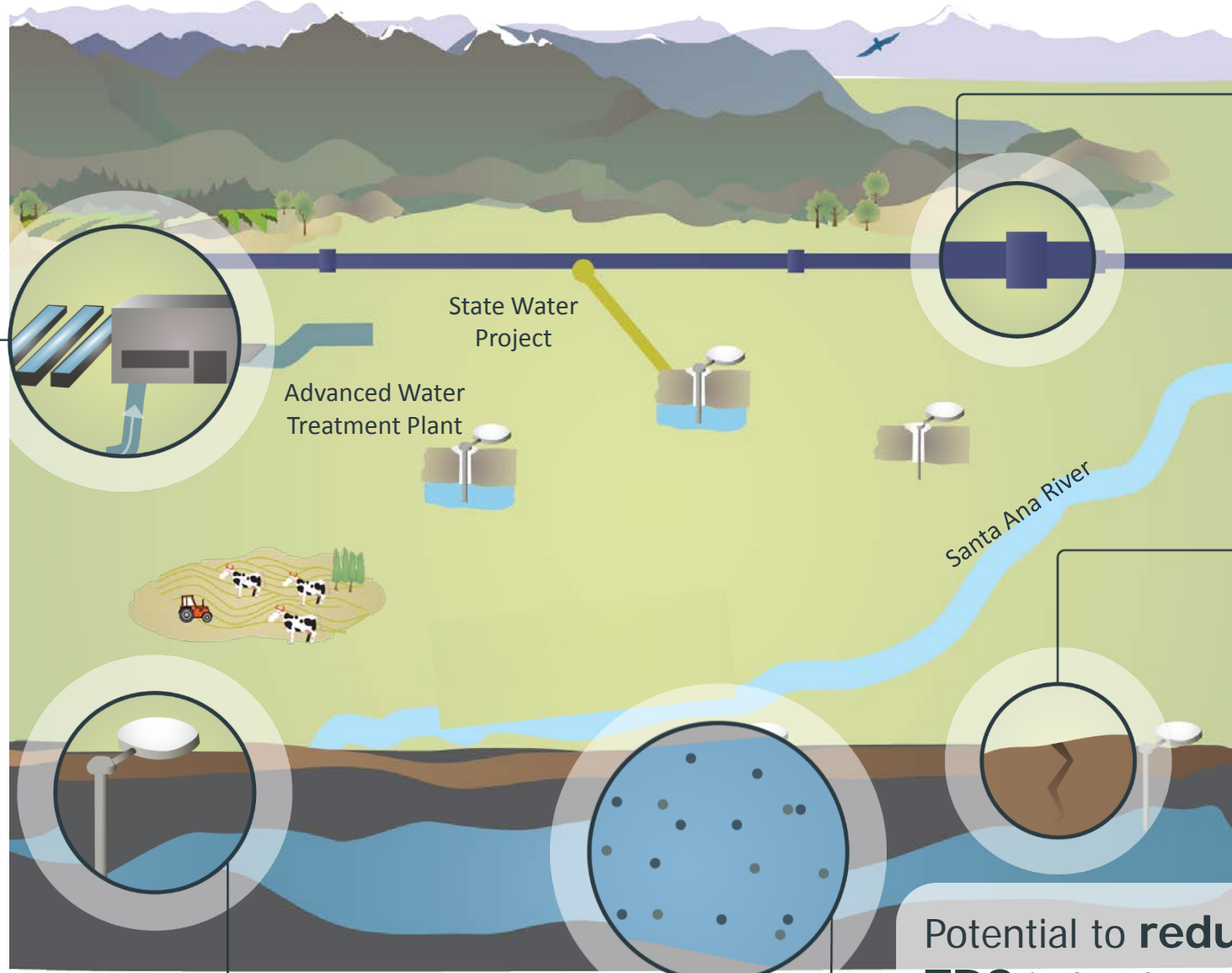


CBP water stored under its own Storage and Recovery Application

# CBP Operation & Local Benefits

**15,000 AF/Y  
Advanced Water  
Treatment  
Facility**

water stored in the  
Chino Basin



**Intra-Basin  
Pipeline  
Connection**

for added flexibility  
and sharing among  
Member Agencies

Opportunity to  
**accelerate  
needed  
infrastructure**

upgrades and address  
stranded assets

Proactively  
**address  
subsidence**  
concerns

Potential to **reduce  
TDS** in local supplies



# CBP Collaboration Essential for Success

## Member Agencies

*CBP Workgroup*

- ✓ **Goal:** Collaborative Process for Decision Making
- ✓ **Result:** Commitments and Terms by mid-2019

## Watermaster

*Reoccurring Meetings*

- ✓ **Goal:** In Line with OBMP
- ✓ **Result:** Collaborative Basin Management

## MWD

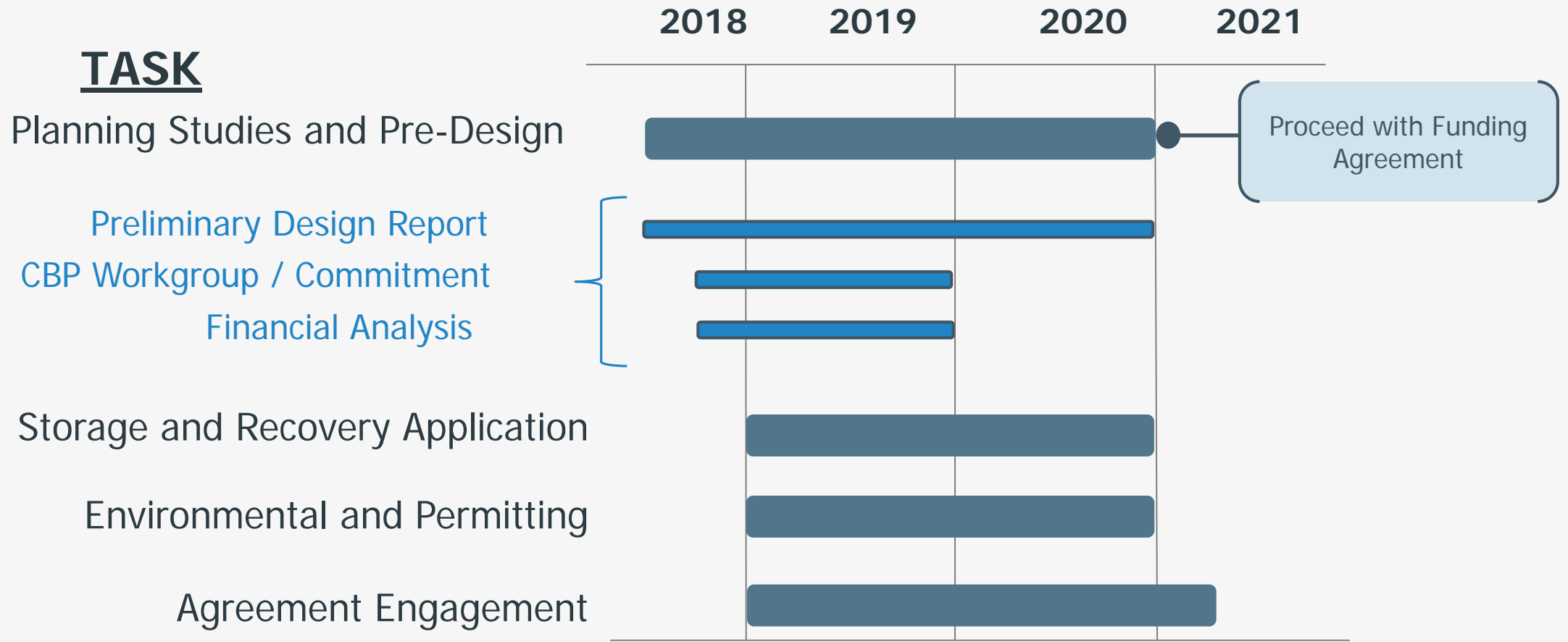
- ✓ **Goal:** Refine and Develop Project Operations
- ✓ **Result:** Commitments and Terms for Project Operations

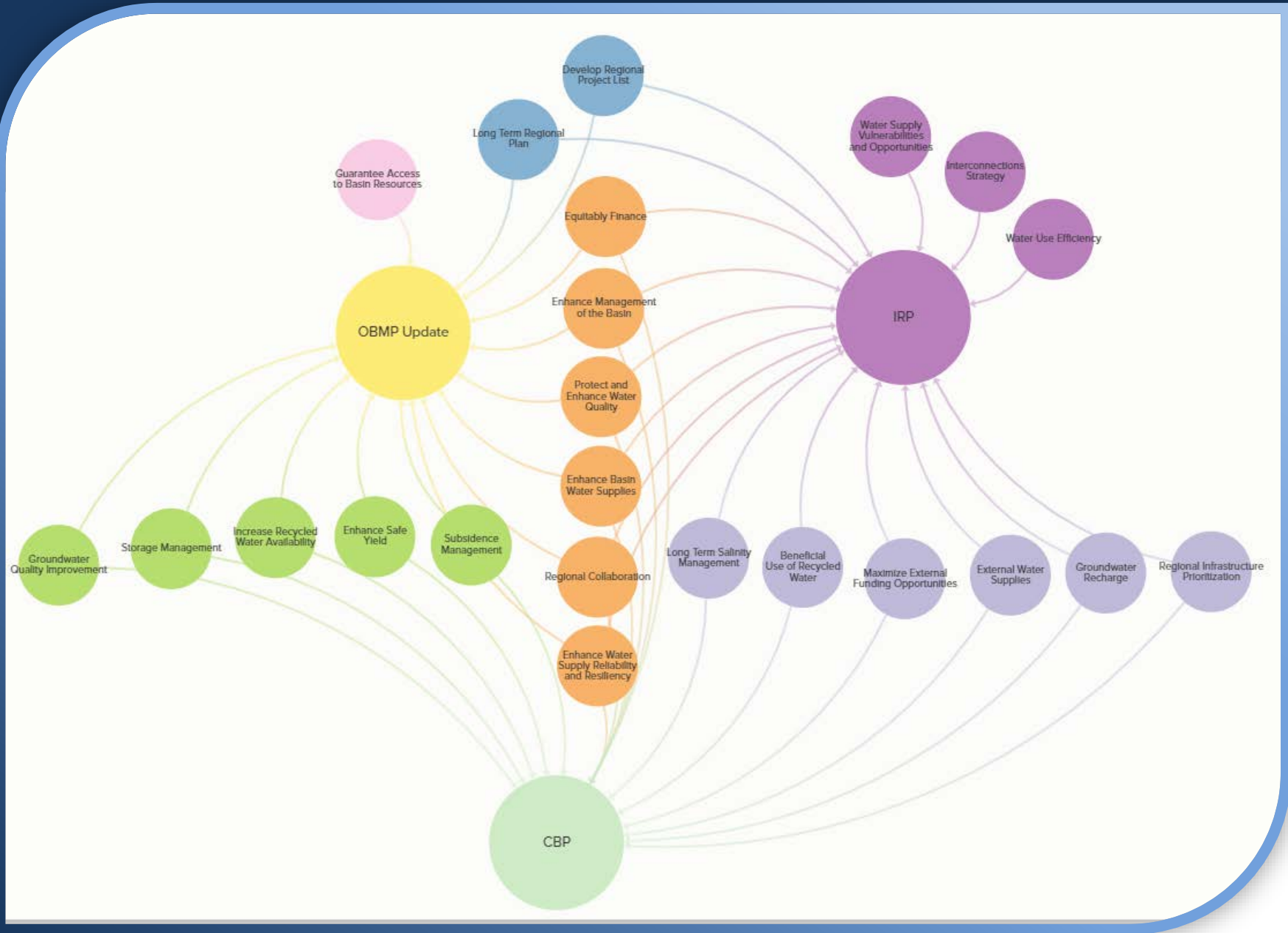
## Environmental

- ✓ **Goal:** OBMP Programmatic EIR and CBPs PEIR
- ✓ **Result:** PEIR Aligned with Adopted Master Plans

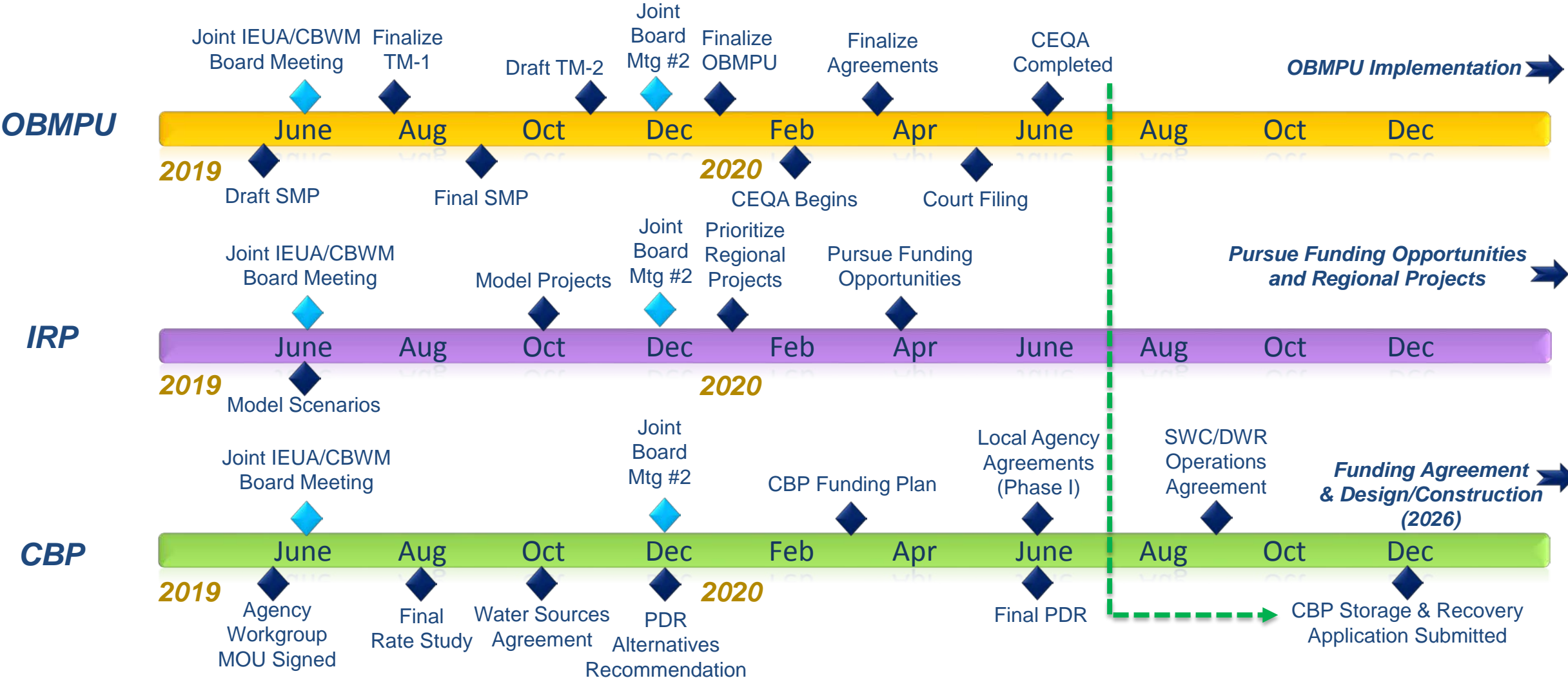


# CBP Schedule





# Look Ahead: 12-18 Months



# Exhibit 1 – Drivers and Trends and Their Implications 2020 OBMP Update

Drivers

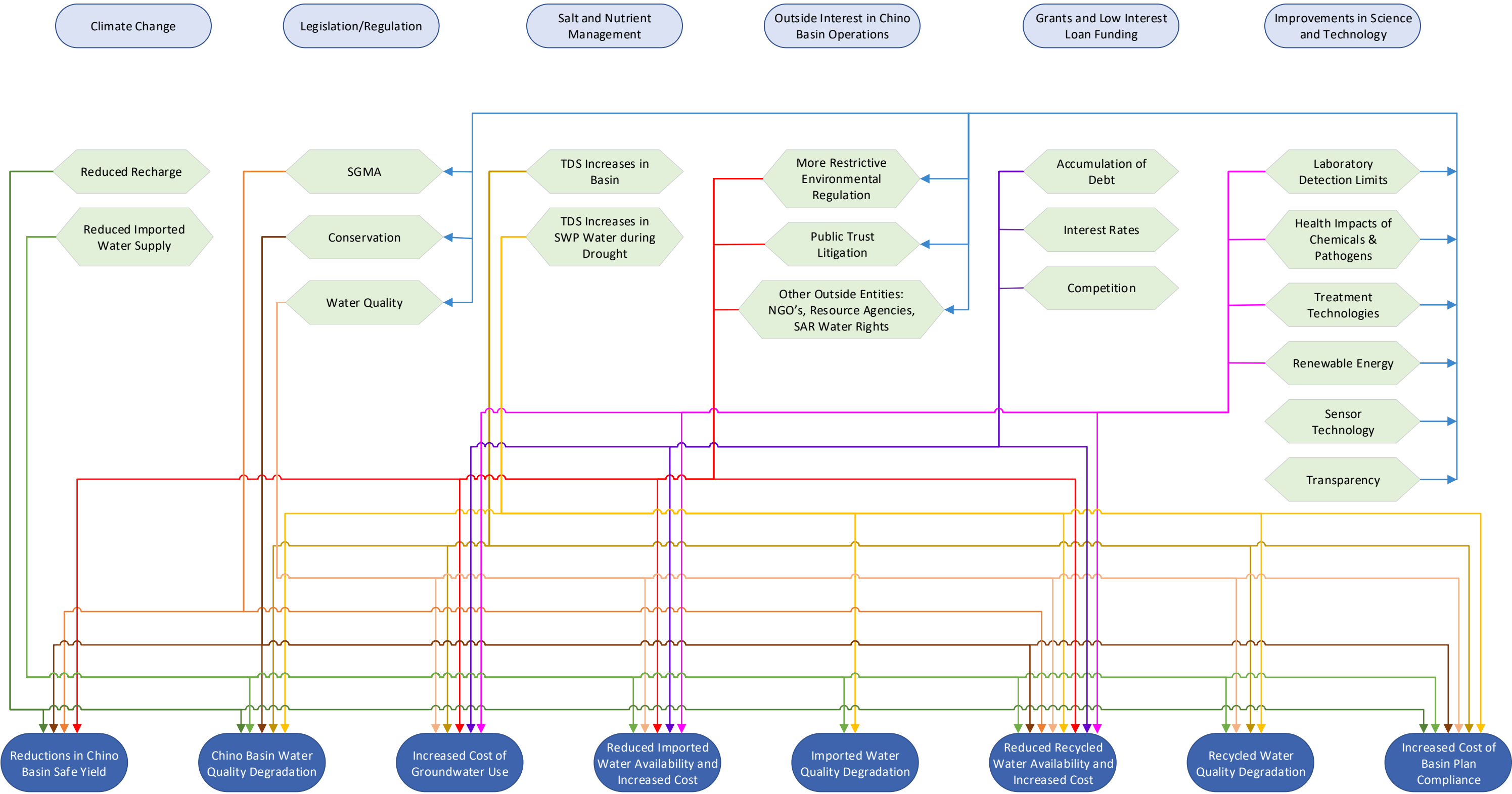
Trends

Implications

Drivers

Trends

Implications





# OBMPU-IRP-CBP

