

# YEAR ANNIVERSARY



# TABLE 11-1

# CYCLICAL PLANNING PROCESS PROPOSED BY THE CWCB

Product	Year Initiated			
Basin Implementation Plans	2013			
Colorado's Water Plan	2013			
Statewide Water Supply Initiative	2016			
Basin Implementation Plans	2018			
Colorado's Water Plan	2020			
Statewide Water Supply Initiative	2022			

## **ACTIONS**

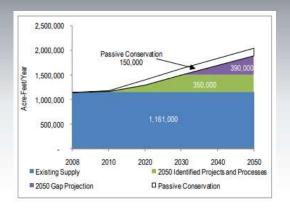
- The CWCB will work with other state agencies, the basin roundtables, and the people of Colorado to update Colorado's Water Plan, beginning no later than 2020.
- The CWCB will develop guidelines for Basin Roundtable WSRA grants to help facilitate the implementation of the BIPs.

# New Stakeholder-Driven Methodologies

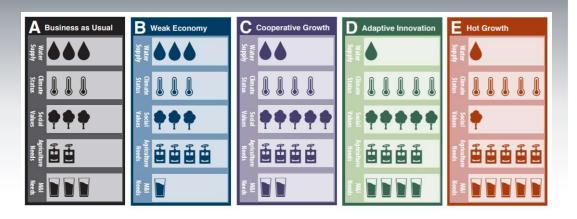
### **2050 Demand Projections**

- IPPs

= 2050 M&I Gap



- Hydrologic Modeling
- Municipal Modeling
- Agricultural Modeling
- Environmental Modeling
- Scenario Planning Across Major Drivers



# UPDATING THE WATER PLAN

ANALYSIS + PLANNING PHASE

BASIN INTEGRATION PHASE

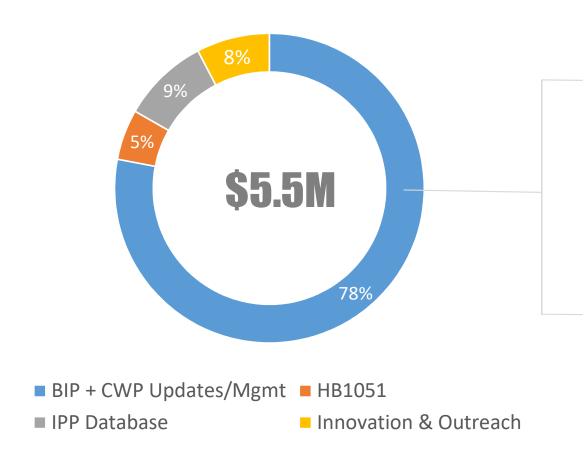
COMPREHENSIVE UPDATE PHASE



# RESPONSIVE TO BASIN FEED BACK

- 65% favor a working group
- 88% favor CWCB support and funding for basin updates

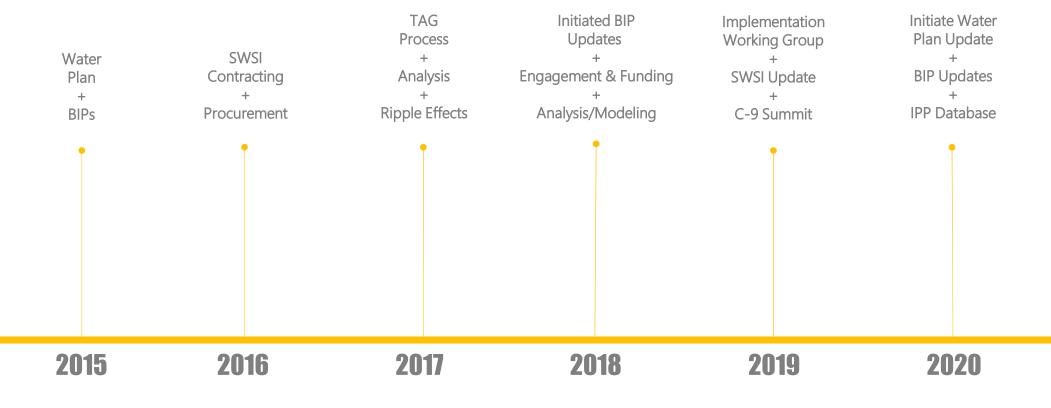
# FUNDING THE BIP UPDATES



Funding to provide about 65% of average BIP cost.

2015 BIP Costs	
Arkansas BRT	\$648,980
Colorado BRT	\$350,000
Gunnison BRT	\$300,000
Metro + S. Platte BRT	\$1,337,000
North Platte BRT	\$107,500
Rio Grande BRT	\$426,000
Southwest BRT	\$112,142
Yampa, White & Green BRT	\$317,066
TOTAL	\$3,598,688





### FUNDING WATER PLAN

## **IMPLEMENTATION**

Water Plan Grant Category	FY 17/18	FY 18/19	FY 19/20
WSRF Supplemental Funding	\$10M	\$2M	\$2.5M
CO Watershed Restoration Program	\$5M	\$2M	\$4M
Agricultural Transfer Methods (ATM) Grants	\$1M		\$1M
Agricultural Projects Water Plan Grants	\$1M	\$1M	\$1M
Conservation & Land Use Planning Water Plan Grants	\$1M	\$1M	\$1M
Environment/Recreation Water Plan Grants	\$1M	\$1.5M	\$1.5M
Innovation/Outreach Water Plan Grants	\$5M	\$0.5M	\$0.5M
Storage & Supply Gap Water Plan Grants	\$1M	\$3M	\$3M
Water Plan Updating Efforts	\$1M		\$5.5M
TOTAL	\$25M	\$11M	\$20M



over 88% of this funding has gone to implementation which is in addition to WSRF dollars, other CWCB grants, CWCB loans, etc.



# Since 2015, significant progress has been made on over 65% of Water Plan actions even though many of the goals extend through 2050.



### **SUPPLY**

Reduce the projected 2050 municipal and industrial gap form 560.000 acre-feet to zero by 2030.



### **AGRICULTURE**

Support agricultural economic productivity and share 50,000 acre-feet using alternative transfer methods by 2030.



### **FUNDING**

Sustainably fund the water plan by raising \$100 million in revenue annually starting in 2020 (\$3 billion by 2050).



### CONSERVATION

Achieve 400.000 acre-feet of municipal and industrial conservation of water by 2050.



### **LAND USE**

Ensure 75 percent of Coloradoans live in water-saving communities by 2025.



### **STORAGE**

Attain 400.000 acre-feet of water storage to manage and share conserved water by 2050.



### **EDUCATION**

Improve the level of public awareness by 2020 and engage Coloradoans on key water challenges by 2030.



### WATERSHED **ADDITIONAL**

Cover 80 percent of all prioritized watersheds and rivers with a Management plan by 2030.



Respond to and prepare for natural disasters. climate change and energy needs while protecting interstate

matters.



ON COLORADO'S
WATER FUTURE

Home The Plan ▼ The Basins ▼ Supply Study Implementation ▼ Learn More ▼

Implementation · 2019 Implementation Working Group

# 2019 Implementation Working Group

### IMPLEMENTATION WORKING GROUP

An Implementation Working Group has been organized to help CWCB staff fine tune practical guidance following the Statewide Water Supply Initiative (SWSI) findings and Basin Implementation Plan updates. The group participants include representatives from each basin and some IBCC members. Group outputs will be updated under this page as they are developed. Roundtables will be updated by working group representatives according to their normal meeting schedule.

OUTPUTS

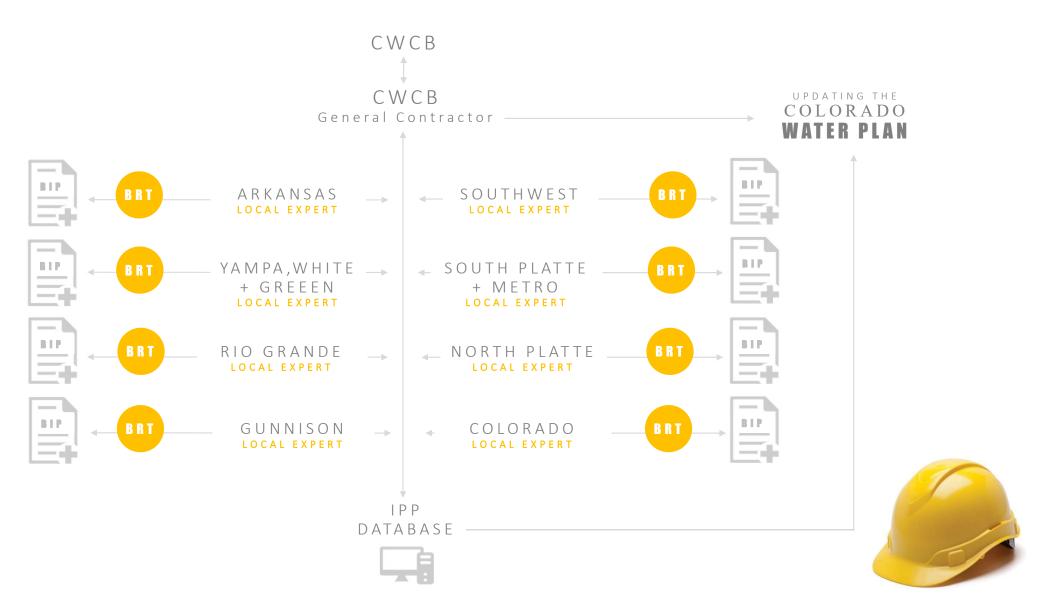
# BRANDING & BASIN SUPPORT IMPLEMENTATION WORKING GROUP

### **OUTREACH RESOURCES DATA OUTPUTS** FOR WHO? FOR WHO? FOR WHO? EDUCATORS/PEPO ROUNDTABLES (BRTs) BRTs + CONTRACTORS WHAT IS IT? WHAT IS IT? WHAT IS IT? COMMUNICATION TOOLS PLANNING TOOLS ANALYTICAL TOOLS Logos (Media Kit) Fact Sheets Statewide Data **Power Point Slides** Water Plan Analysis Doc Data by BRT One Page Analysis Summary Other Tools (e.g. Costing) Data by Use





# BIP PROCESS & UPDATE TIMING IMPLEMENTATION WORKING GROUP



# PROPOSED CONTRACTING

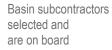


Status of the \$5.5M in the Colorado Water Plan





# NOV 2019





# NOV NOV 2020 2021

Approximately 2 years





Approximately 2 years

# NOV 2022





# PROJECT DATA & DATA BASE NEEDS IMPLEMENTATION WORKING GROUP

# PROJECTS + PROCESSES

Example Data Field/Column*	Arkansas	Colorado	Gunnison	North Platte	Rio Grande	South Platte / Metro	Southwest	Yampa / White
IPP_ID IPP_Name IPP_Description	Х		X	Х	Х	Х	Х	Х
IPP_Name	X	X	X	X	X	X	X	X
IPP_Description	X	X	X	X			X	X
Basin						X		
Municipal_Ind_Need	X	X	X		Χ		Х	
Agricultural_Need	X	X	X		Χ		X	
Envr_Rec_Need	X	X	X	Х	Χ		Х	Х
Admin_Need					X			
Multiple_Needs	X	X	X		X		Х	
WaterSource_GNIS_Name								
WaterSource_GNIS_ID								
WaterDestination								
Latitude	X		X	Х			Х	X
Longitude	X		X	X			X	X
Longitude Phase Yield	X	X	X				Х	
Yield	X	X	X			X		
Yield_Units	X	X	X			X		
Estimated_Cost	X	X	X		Χ	X		
Contact	X		X			X	X	
Proponents	X	X	X		X	X	X	X

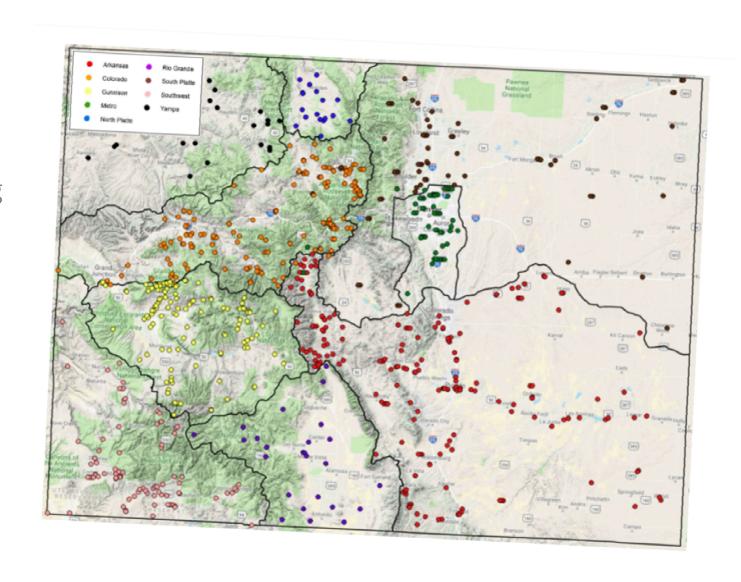
# IPP DATA USE

## **USED FOR:**

- Legislative Reporting
- Progress + Metrics
- Mapping
- Targeting Projects
- Filling "gaps"

## **USED BY:**

- CWCB Staff
- Basins Roundtables



# 80% found the discussion helpful.

IMPLEMENTATION WORKING GROUP

# TECHNICAL WEBINARS

- February 19 SWSI Methodologies Overview and Population Data
- March 19 Municipal and Industrial Data & Methodologies
- April 23 Agricultural Data & Methodologies
- May 21 Environmental Data & Methodologies
- June 25 SWSI Tools & Next Steps



**SEPTEMBER** 25 + 26 2019

**SUMMIT** 

