

IMPLEMENTATION WORKING GROUP

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COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

A dense green forest with tall trees, serving as a background for the top portion of the slide.

AGENDA

- Where We've Been
- Next Steps
- Close Out

DATA NEEDS



- | | |
|--------------------------------|----------------------------|
| 1. Project ID | 11. Water Source (GNIS ID) |
| 2. Project Name | 12. Water Destination |
| 3. Description | 13. Latitude |
| 4. Basin | 14. Longitude |
| 5. M&I Needs (% funds) | 15. Project Phase |
| 6. Agriculture Needs (% funds) | 16. Estimated Water Yield |
| 7. E&R Needs (% funds) | 17. Yield Units (Capacity) |
| 8. Admin Needs (% funds) | 18. Estimated Cost |
| 9. Multiple Needs | 19. Lead Contact |
| 10. Water Source (GNIS Name) | 20. Lead Proponent |

WATER RIGHTS

+

PERMITTING

COST NEEDS

2

Basin	Percent of IPPs with Cost Data
Arkansas	4%
Colorado	2%
Gunnison	28%
North Platte	0%
Rio Grande	50%
South Platte / Metro	22%
Southwest	0%
Yampa / White	0%



“It must be emphasized that costs were not associated with the vast majority of projects identified.”

UPDATE SCOPE

3

Projects

A lookback to step forward

In 2015, each Basin Roundtable developed data sets of Identified Projects and Processes (IPPs) in accordance with CWCBC guidance. Due to the complexity of studies, variation by basin, and number of entities involved, IPP data across and within basins remain inconsistent in content and format. The Technical Update to the Water Plan is reviewing the handling and formatting of IPP data to ensure useful data products can be created and future analyses can be performed consistently. The following table shows a summary of statewide IPP data, organized by a *draft recommendation* of minimum supplied data attributes.

Data Attribute	Arkansas	Colorado	Gunnison	North Platte	Rio Grande	S. Platte / Metro	Southwest	Yampa / White
IPP ID Number	X		X	X	X	X	X	X
IPP Name	X	X	X	X	X	X	X	X
IPP Description	X	X	X	X			X	X
Basin						X		
Municipal & Industrial Need	X	X	X		X		X	
Agricultural Need	X	X	X		X		X	
Environmental & Rec Need	X	X	X	X	X		X	X
Admin Need					X			
Multiple Needs	X	X	X		X		X	
Water Source GNIS Name								
Water Source GNIS ID								
Water Destination								
Latitude & Longitude	X		X	X			X	X
Phase	X	X	X				X	
Yield	X	X	X			X		
Yield Units	X	X	X			X		
Estimated Cost	X	X	X		X	X		
Contact	X		X			X	X	
Proponents	X	X	X		X	X	X	X

Rio Grande Basin Implementation Plan

A lookback to step forward

The first Basin Implementation Plans (BIPs) were initiated in 2013 by the Governor's Executive Order and completed by 2015 to form the backbone of the Colorado Water Plan. Built on the synthesis of SWSI 2010 data, BIPs identified basin-focused goals, consumptive and non-consumptive needs, and portfolios of solutions to projected supply gaps (e.g. identified projects and processes known as 'IPPs'). Updating these plans and projects will help:

- ❖ Support funding for basin projects through improved costing data
- ❖ Incorporate most up-to-date future supply analyses
- ❖ Allow basins to revisit goals and incorporate recent local planning

Do basin goals remain the same? Have any emerged as priorities?

Goal Summary	Focus on watershed health
	Uphold Colorado water law
	Sustain the aquifers
	Implement infrastructure to meet long-term water needs
	Sustain optimal agricultural economy
	Support multipurpose projects & methods
	Meet all demands for water
	Establish education and outreach efforts for water use and needs
	Meet applicable water quality standards
	Be adaptive, flexible, and responsive
	Preserve wildlife habitats
	Conserve wetlands and riparian areas
	Sustain active river flows
	Maintain water-dependent recreational activities

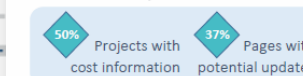
How many current members were involved in BIP development?



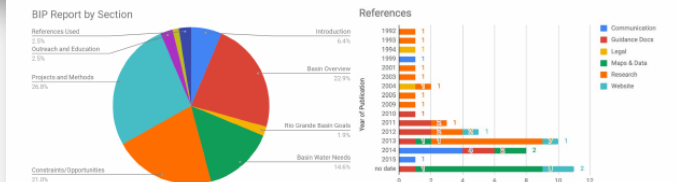
Do IPPs align with basin goals?



What's the anticipated level of effort?



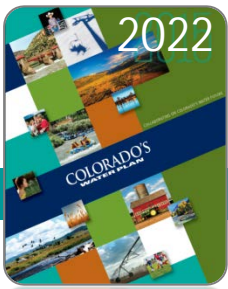
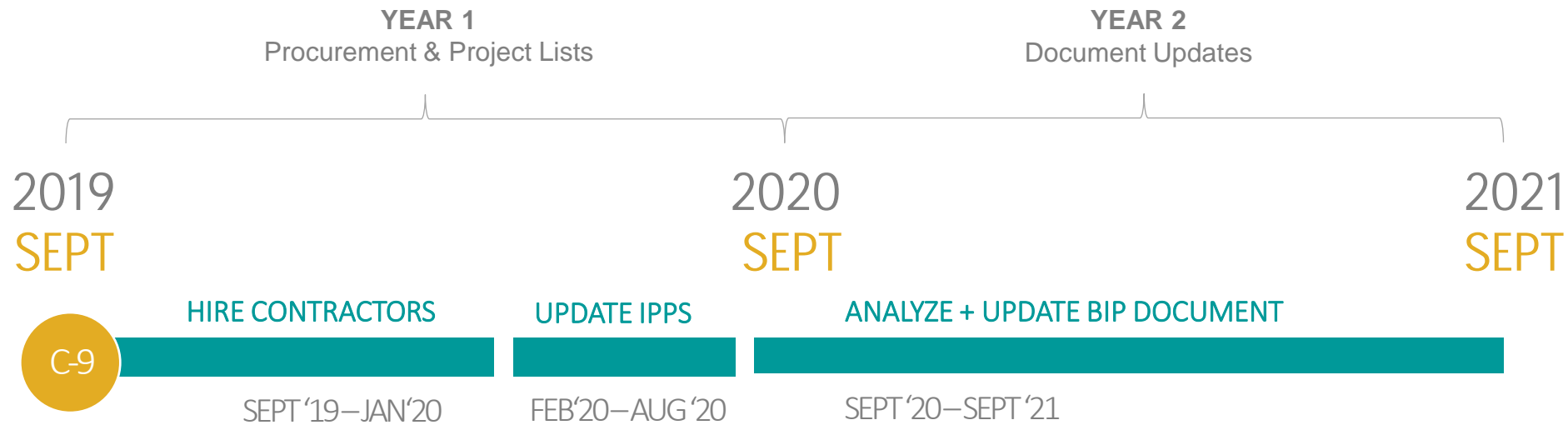
What are the essential content updates?



CWCBC
General Contractor

BASIN
Local Experts

UPDATE TIME LINE



DRAFT Project Tier Matrix

Use the Drop
Down Menus
Below to
Assign Tiers

Select the Project Phase from the drop down menu in the box below (Implementation, Feasibility or Concept)

PROJECT PHASE	Tier 1	Tier 2	Tier 3	Tier 4	Assigned Tier
Implementation	Shovel Ready (immediately implementable); does not apply for a "Concept" project.	Can start within the year.	Needs at least a year to start.	Not Shown.	Tier 3

Rank all of the following using the drop down menu (right)

PLAN ALIGNMENT	Tier 1	Tier 2	Tier 3	Tier 4	Assigned Tier
Basin Plans	Strongly aligns with Basin Implementation Plans	Somewhat aligned with Basin Implementation Plan.	Not as well aligned with Basin Implementation Plan.	Not Shown.	Tier 3

Local Plans	Extensive Local Planning, Organizational support and water rights support the project.	Some local planning or organizational support for the project; water rights may or may not be explicitly identified.	Not clearly identified in any local plan, organizational effort; water rights concerns are noted; may be under consideration or going through a permitting	Not Shown.	Tier 3
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Water Plan	Meets at least 3 actions in the Colorado Water Plan.	Meets at least 2 actions in the Colorado Water Plan.	Meets only 1 action in the Water Plan.	Not Shown.	Tier 3
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MINIMUM CRITERIA	Tier 1	Tier 2	Tier 3	Tier 4	Assigned Tier
Meets Core Data Needs (list of 20)	Includes all 20 Criteria	Meets critical subset (TBD)	Provides only a few details; critical subset is not complete.	Not Shown.	Tier 3

NEED	Tier 1	Tier 2	Tier 3	Tier 4	Assigned Tier
Criticality	Critical to basin (would cause severe impact to the basin if the project didn't move forward; (Basin Priority and/or Emergency Need); Has clear metrics for tracking and completion date.	Significant basin effort (fully aligns with basin goals); implementation or plan would advance basin goals; has clear metrics for tracking and completion date.	Project could be of basin interest but may not as directly advance basin goals; may not have clear metrics and/or may not have a clear end date or objectives.	Not Shown.	Tier 1

Priority categorization is calculated from the tier cumulative ranking above.

PRIORITY CATEGORIZATION

Tier 3

	TIER 1	TIER 2	TIER 3	TIER 4	
SUPPORT BY TIER	Priority Basin Support	Full Basin Support	Support of Concept	No Current Support	



BRANDING UPDATE

A

ANALYSIS + TECHNICAL UPDATE PHASE

B

BASIN PLAN UPDATE PHASE

C

COMPREHENSIVE UPDATE PHASE



5

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

1. 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.
2. The CWCB will develop guidelines for Basin Roundtable WSRA grants to help facilitate the implementation of the BIPs.

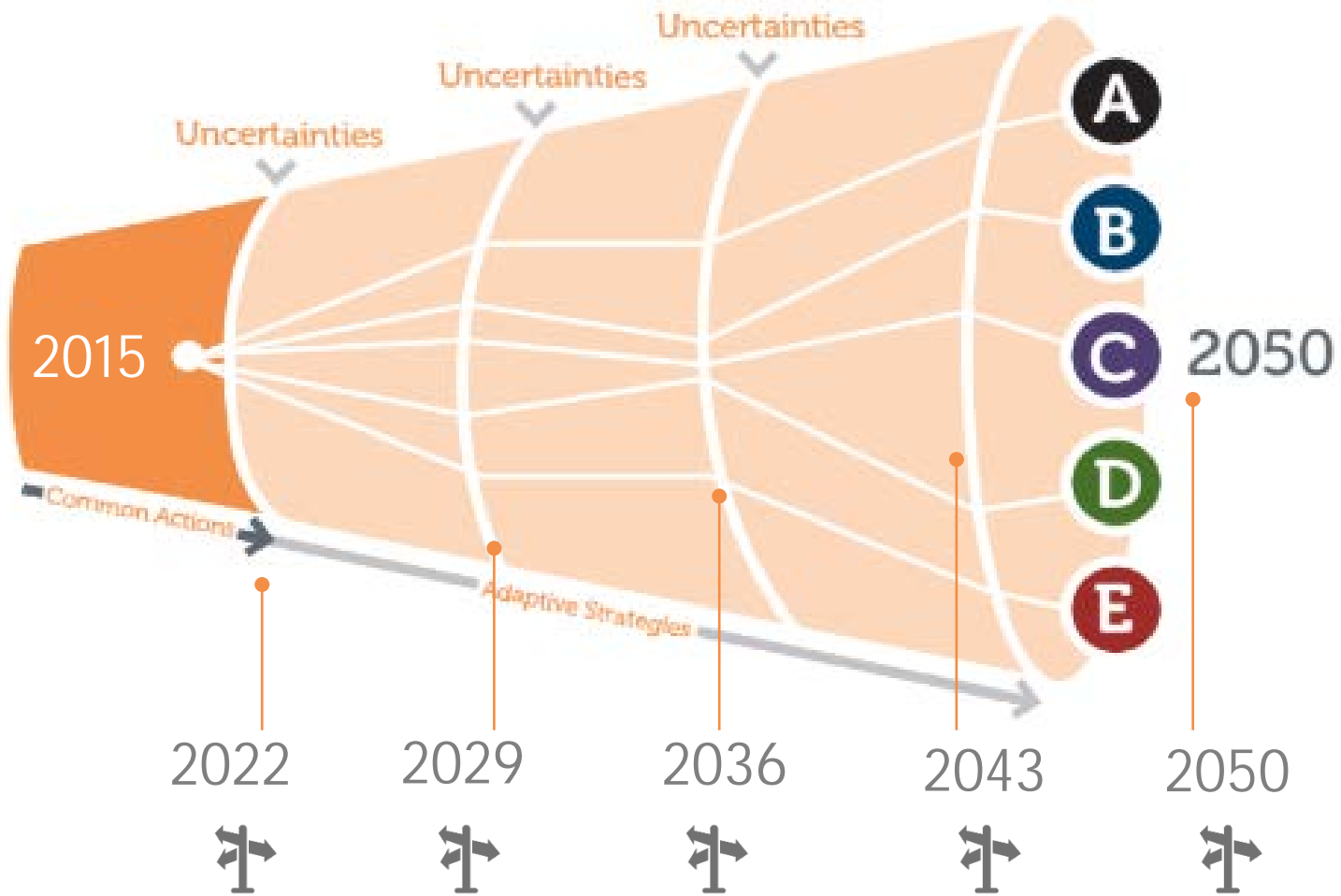


ADAPTIVE PLANNING

6

- A Business as Usual
- B Weak Economy
- C Cooperative Growth
- D Adaptive Innovation
- E Hot Growth

Review and adjust plans based on observed trends.



REVISIT CORE STRATEGIES



- No & Low Regrets are Core Strategies in the Water Plan that aim to “Invest in actions that have few or no disadvantages in terms of costs and benefits, regardless of the future”
- How do basin projects relate?
- Do these strategies need revisiting?
- How can basin be adaptive?

MODELING COMPLEXITY

8



IPPs
(NOT INCLUDED)



SUB-BASINS
(NOT REPORTED)



**TAG
DIRECTION**



**OTHER
ASSUMPTIONS**



5 SCENARIOS



SIGN POSTS
(NOT INCLUDED)

REVIEW OF THE TECHNICAL UPDATE'S
RECOMMENDATIONS

CHAPTER

1

BIP UPDATES

- A. DETERMINE BIP UPDATE SCOPE
- B. INTEGRATE PLANS
- C. GET BETTER DATA IF YOU HAVE IT
- D. EVALUATE AREAS FOR IMPROVEMENT

2

PROJECT UPDATES

- A. UPDATE IPPs
- B. GET PROJECT COSTS
- C. HELP EVALUATE TIERS

3

TECHNICAL UPDATES

- A. DO YOU NEED TO DO ADDITIONAL MODELING?
- B. DO YOU WANT TO MODEL PROJECTS?
- C. DO YOU NEED SUB-BASIN RESULTS?

4

STRATEGIC UPDATES

- A. MAKE SURE PLANS ARE ADAPTIVE
- B. HELP WITH SIGN POSTS
- C. HOW HELPFUL ARE SCENARIOS?

5

OUTREACH UPDATES

- A. ENGAGE EXISTING AND NEW STAKEHOLDERS
- B. BRAND AROUND THE WATER PLAN

TELL US
YOUR
THOUGHTS

RECOMMENDATIONS



SUMMIT AGENDA

11



SEPTEMBER 25 + 26 2019

TELL US
YOUR
THOUGHTS

C-9 AGENDA



PLANNED GOALS FOR THE FINAL MEETING

- Gather input on recommendations by May 31. 2019.
- Share final draft of recommendations.
- End working group.



Goals + Gratitude

- Continue the conversation at:
 - Joint IBCC/Board Meeting
 - Water Congress
 - C-9 Summit
 - During BIP Updates

TELL US
YOUR
THOUGHTS

IWG PROCESS



NEXT STEPS

- Release Technical Update
- Refine C-9 Agenda
- Work on BIP/Water Plan Contract RFP
- Coordinate on RFP Selection Process (w/ Roundtable Chairs)
- Hold C-9 Summit & Launch BIP process



THANK
YOU

THOUGHTS, COMMENTS OR

QUESTIONS ?

