IBCC Meeting

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

5-2-2018

THE IBCC

Agenda

9:30	Welcome and Introductions
9:45	West Slope Caucus Debrief
10:15	Application of the Conceptual Framework
10:45	Small Group Discussion
11:15	Conceptual Framework Discussion
11:45	(LUNCH)
1:00	Conceptual Framework Task Group Next Steps
2:00	Candidate Letter Task Group Next Steps
2:30	Funding Concepts Task Group Next Steps
3:00	Discussion of Basin BIP Updates
3:15	Next Steps/Next Meeting/Adjourn

QUESTION
(Ice Breaker)

How awake are you?

-Ready to Rock and Roll!

-Wake Me When it’s Over.

-As Long as There’s Coffee I’m Good.

Welcome

- Staffing Update
- Introductions

Russ Sands

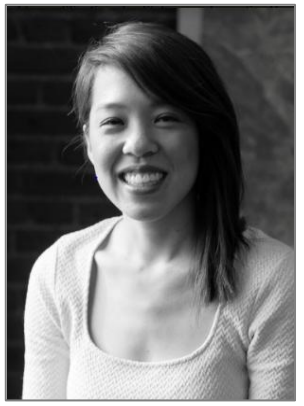
Senior Program Manager
Water Supply Planning

Alex Funk

Agricultural Water Resources Specialist
Interstate and Federal

Brian Macpherson

Decision Support Systems Specialist
Interstate and Federal



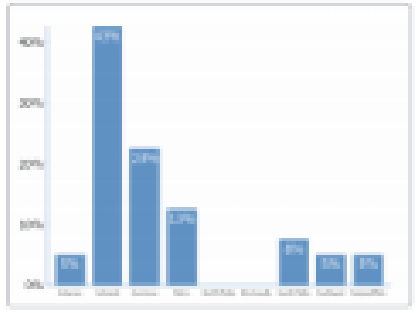
Jojo La

Endangered Species Policy Specialist
Interstate and Federal

DEBRIEF

West Slope Caucus

What basin are you from?



Response options	Count	Percentage
Arkansas	2	5%
Colorado	17	43%
Gunnison	9	23%
Metro	5	13%
North Platte	0	0%
Rio Grande	0	0%
South Platte	3	8%
Southwest	2	5%
Yampa/White	2	5%

Engagement

40

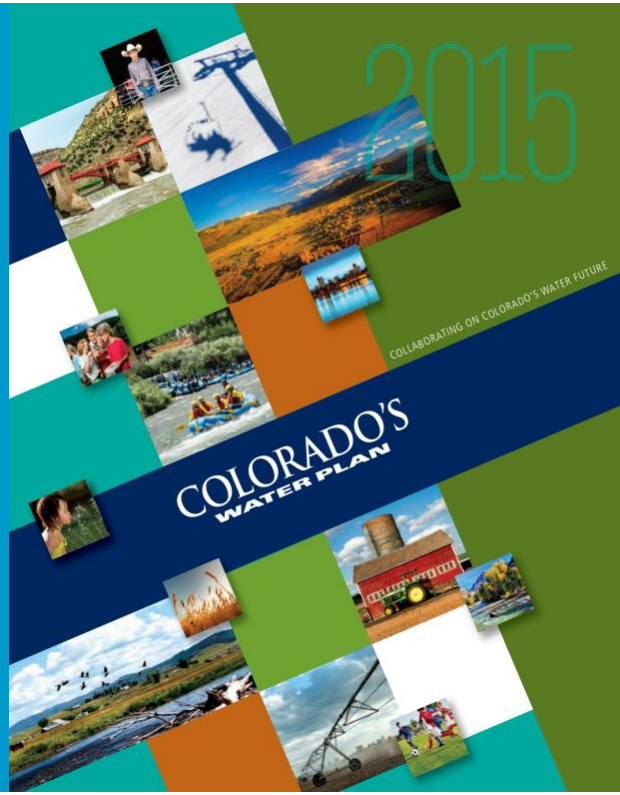
Responses

APPLICATION

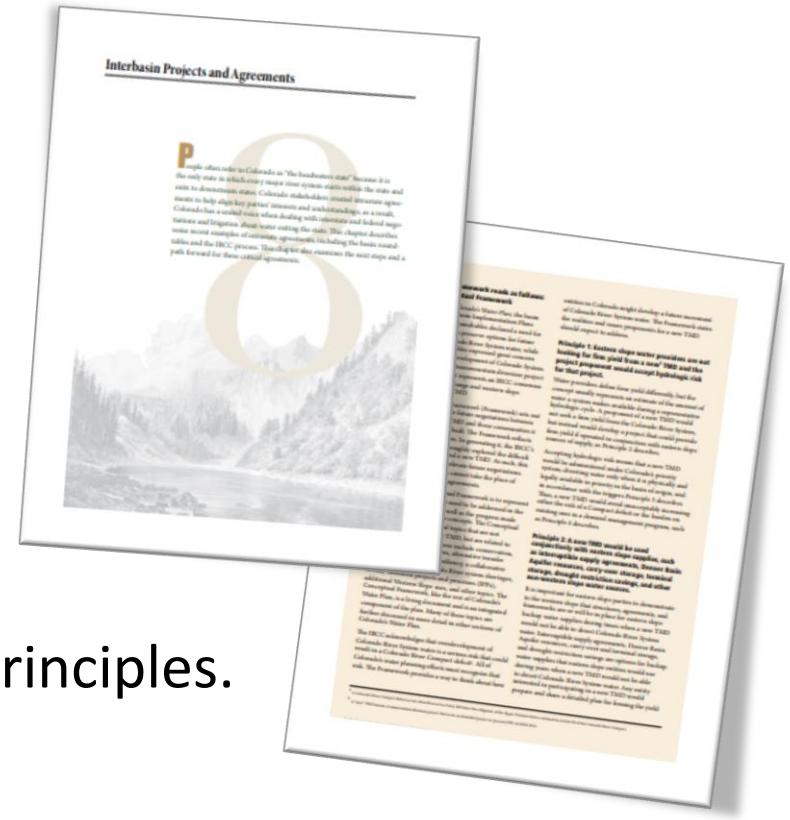
Application of the Conceptual Framework

to a project of potential Statewide Significance

South Platte Regional Opportunities Working Group



Application



- Can the framework be a lens for major projects?
- Even though SPROWG is not a TMD there are applicable principles.
- CWP Chapter 8 Intro + Principle 4 explicitly reference non-TMD applications.

Exploring Principle #4

"The IBCC and roundtables can provide an important forum for sharing the work of ongoing interstate negotiations, scoping technical analyses, and identifying issues of concern at the stakeholder level, as well as providing input to CWCB as it manages and conducts the technical, legal, economic, and other studies necessary for implementation."

-Principle #4 of Colorado's Conceptual Framework

Colorado's Conceptual Framework

Additional Development of TMD Projects Should Consider the Following 7 Principles:

Ensure agricultural and non-consumptive (recreational and environmental) resilience that focuses on partnerships and considers impacts in and beyond Colorado.

Inherent risk and a lack of firm yield from the new TMD should be accepted.

TMD contingency plans, diverse portfolios and firm yield absent of the TMD should be developed.

Continue to focus on water conservation, promoting reuse, identify land-use opportunities, and agricultural efficiencies.

Adaptable triggers for TMD diversions and curtailment are needed.

TMD provisions should support and accommodate future west slope water needs (including growth)

Voluntary partnerships can help protect existing water systems; not the new TMD.

Recommended Action #3

Vet the Conceptual Framework Against a Project of Statewide Significance

Specifically and constructively to advance the Conceptual Framework in lieu of a concrete proposed TMD, the group considered how a project of statewide significance could be used to conceptually test some of the principles of the Conceptual Framework. For example, a potential regional water supply project in the South Platte basin could help address some of the state's most pressing water supply issues with collaborative in-basin solutions.

STRATEGY:

- A portfolio or package of projects throughout the state could be incorporated as part of a vetting process.
- A regional project of statewide significance and/or portfolio of projects could be appropriate for stakeholder consideration.

Projects of Statewide Significance

Practical Application of the Conceptual Framework in Absence of an Actual TMD

"The Framework encourages agricultural partnerships with environmental, recreational, and municipal groups to help sustain Colorado's diverse economic future and healthy environment."

"All M&I water providers that are covered entities should do integrated water resource planning that strives to meet the "conservation stretch goal"

"The State should make every effort to allow for the reuse of these fully consumable water supplies in an appropriate and environmentally safe manner.

"When considering agricultural conservation strategies, it will be important to take a site-specific perspective and to consider the potentially negative consequences of altering timing and the amount of return flows."

"instead would develop a project that could provide firm yield if operated in conjunction with eastern slope sources of supply, as Principle 2 describes"

"It is important for eastern slope parties to demonstrate to the western slope that structures, agreements, and frameworks are or will be in place for eastern slope backup water supplies.

"Each entity would tailor its firming plan to its system's unique strengths and constraints."

"A collaborative program that protects existing uses and an increment of future development is a necessary element of Colorado's water planning, regardless of whether a new TMD is developed"

"A second goal of the collaborative program is protection of the yield of the water supply systems in place in the Colorado River Basin from involuntary curtailment."

PRESENTATOIN

Jim Yahn & Lisa Darling

SPROWG Presentation

DISCUSSION

Small Group Discussion

Conceptual Framework Discussion

Small Group Report Out

Questions

- What does applying the CF to this project tell us about the CF?
- What, if anything, does the IBCC want the CF Task Force to do next to address the IBCC goal of “building out the CF” ?

Re-adjourn at 1:00 p.m.

NEXT STEPS

Conceptual Framework

Task Group Next Steps

QUESTION

What if anything should the IBCC do with the conceptual framework moving forward? (Ticker)

NEXT STEPS

Candidate Letter

Purpose, Opportunity & Distribution

THE IBCC INTERBASIN COMPACT COMMITTEE

SPRING 2018

Dear 2018 Candidate,

The Interbasin Compact Committee (IBCC) commends your bid for public service and wants to alert you and all citizens to important water and natural resource challenges in front of all Coloradans. Colorado faces drought, wildfire, flooding, climate variability and change, and extraordinary growth. Reconciling the rising imbalance between diverse water demands and our variable water supply remains a complex bipartisan effort. Our state's future requires flexibility and action in the face of uncertainty.

Who are we?

The IBCC is a 27-member committee, with two representatives from the state's major river basins and Denver metropolitan area, six gubernatorial appointees, two legislative appointees, and a director. Established in 2005 by the Colorado Legislature's Colorado Water for the 21st Century Act, the IBCC's main charge is to facilitate conversations among basins and unite statewide interests.

The state's nine basin roundtables and the IBCC were foundational to the creation of Colorado's Water Plan and are invaluable in their capacity to engage and implement water solutions at a local level. The IBCC and roundtables continue to provide critical input on a variety of water issues, policies, and programs since their inception.

Why should you care?

As a candidate for office, you know that water is fundamental to the function and prosperity of our state. Our iconic mountains, rivers, and plains draw people by the millions. All are key to our economic well-being, but the health of these resources are under significant stress. Our population grew from 1 million in 1930 to over 5 million today and could reach 8.5 million by 2050. Supporting this growth and our quality of life requires water.

What is the solution?

Colorado's Water Plan set forth strategies to meet our future needs through balanced policies and actions that all Coloradans and their elected officials can support while preserving the Doctrine of Prior Appropriation – the basis of our water laws since statehood. The plan attests our citizens' ability to organize around collaborative goals to preserve our shared water values of a productive economy, vibrant and sustainable cities, productive agriculture, a strong environment, and a robust recreation industry.

But a plan isn't enough. Colorado's Water Plan alone does not relieve us of the inherent uncertainty of water scarcity, uncertain supplies, natural hazards, economic cycles, or population and economic growth. The plan requires implementation, leadership, and funding.

How can you get involved?

1. The plan requires implementation of collaborative, balanced water solutions through the intersectional efforts of political will and leadership, as well as long-term stable and sustained funding.
2. The State of Colorado and countless water providers and experts are working hard to implement Colorado's Water Plan and will need continuing, bipartisan statewide support.
3. All Coloradans share in the responsibility to fund and implement water solutions as we all have a stake in our state's water future. The IBCC is available to answer any questions about Colorado's Water Plan and the implementation required to support Colorado's water future.

The IBCC looks forward to working with you to ensure the state's most valuable resource is protected and available for generations to come.

With Colorado,

The Interbasin Compact Committee
John Stulp, Director

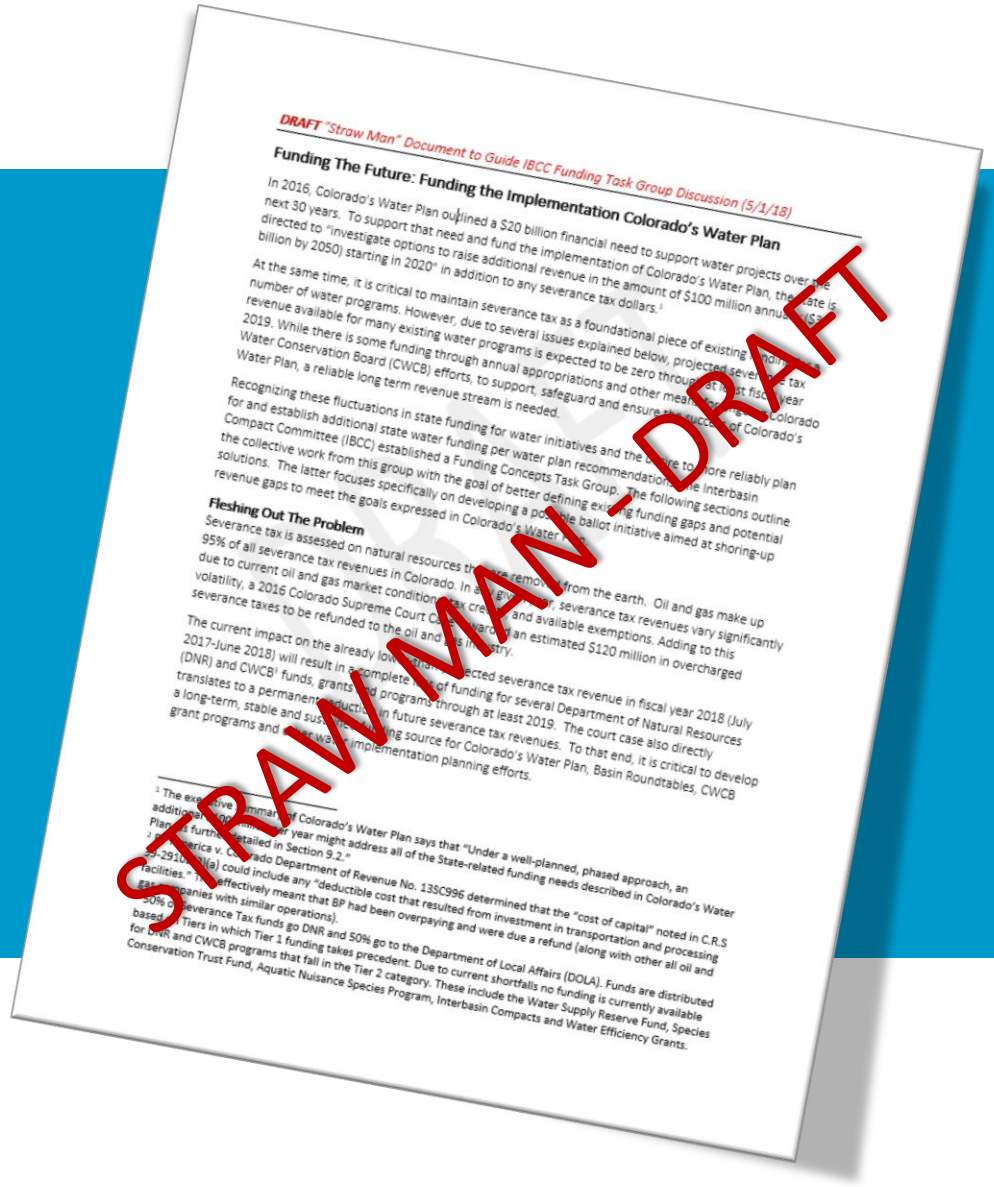
Thirsty for more information?
-Check out our progress at bit.ly/CWP-RE2017
-Read Colorado's Water Plan at bit.ly/CWP-2015

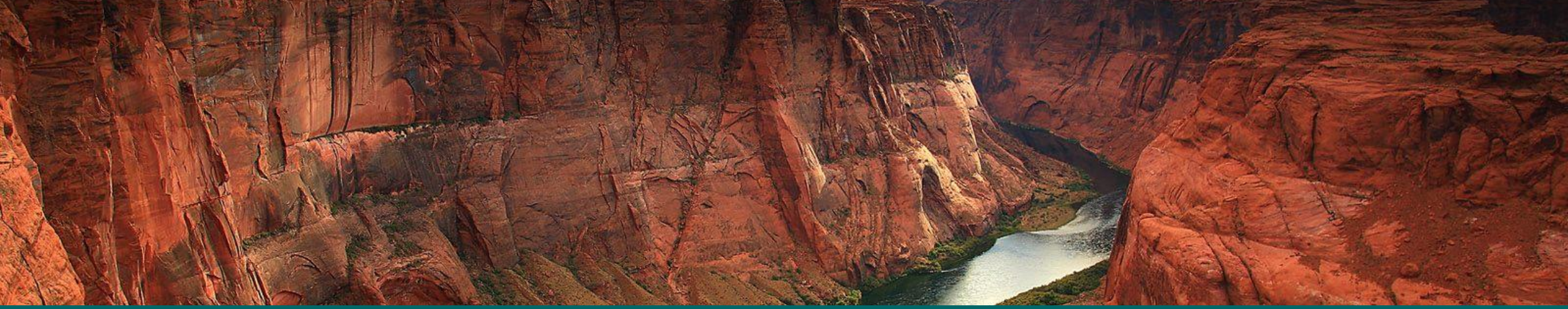
THE IBCC

NEXT STEPS

Funding Task Group

Strawman Draft Discussion

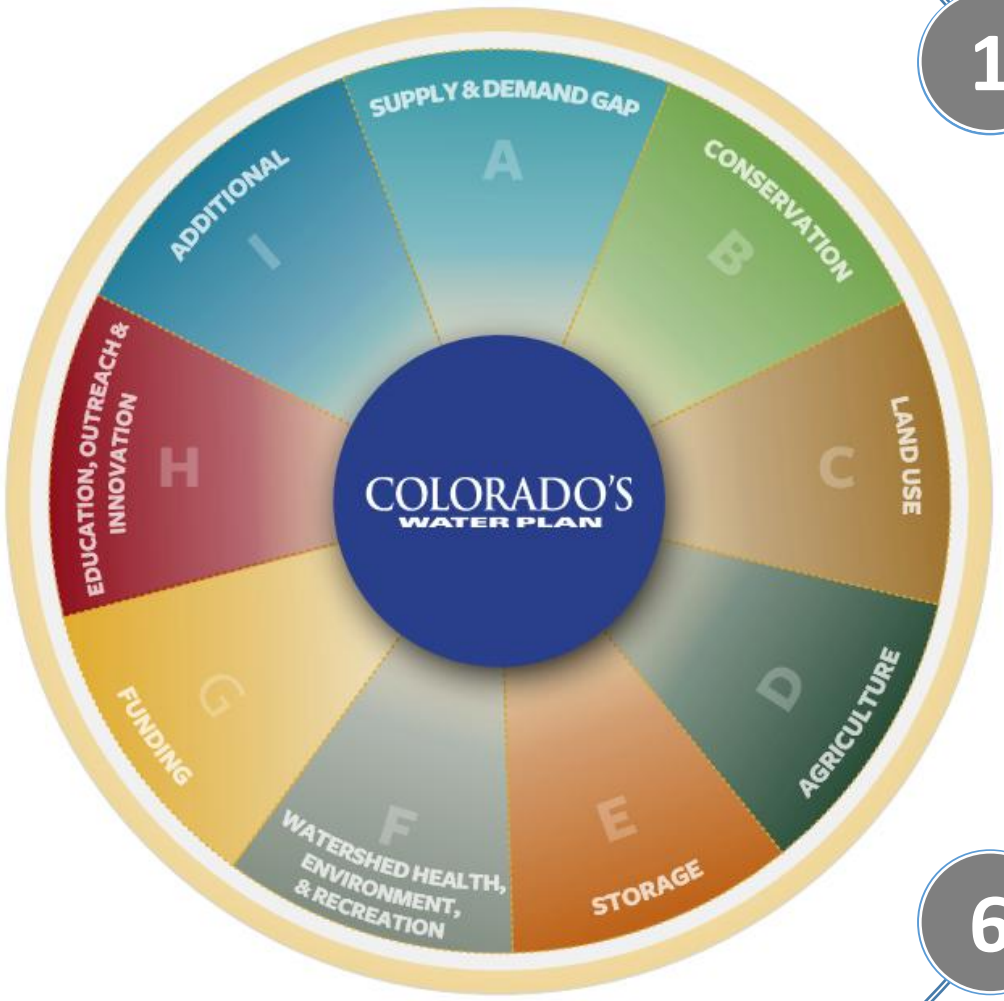




Colorado's Water Plan sets an objective to sustainably fund its implementation. In order to support this objective, the State will investigate options to raise additional revenue in the amount of $100 million annually ($3 billion by 2050) starting in 2020."

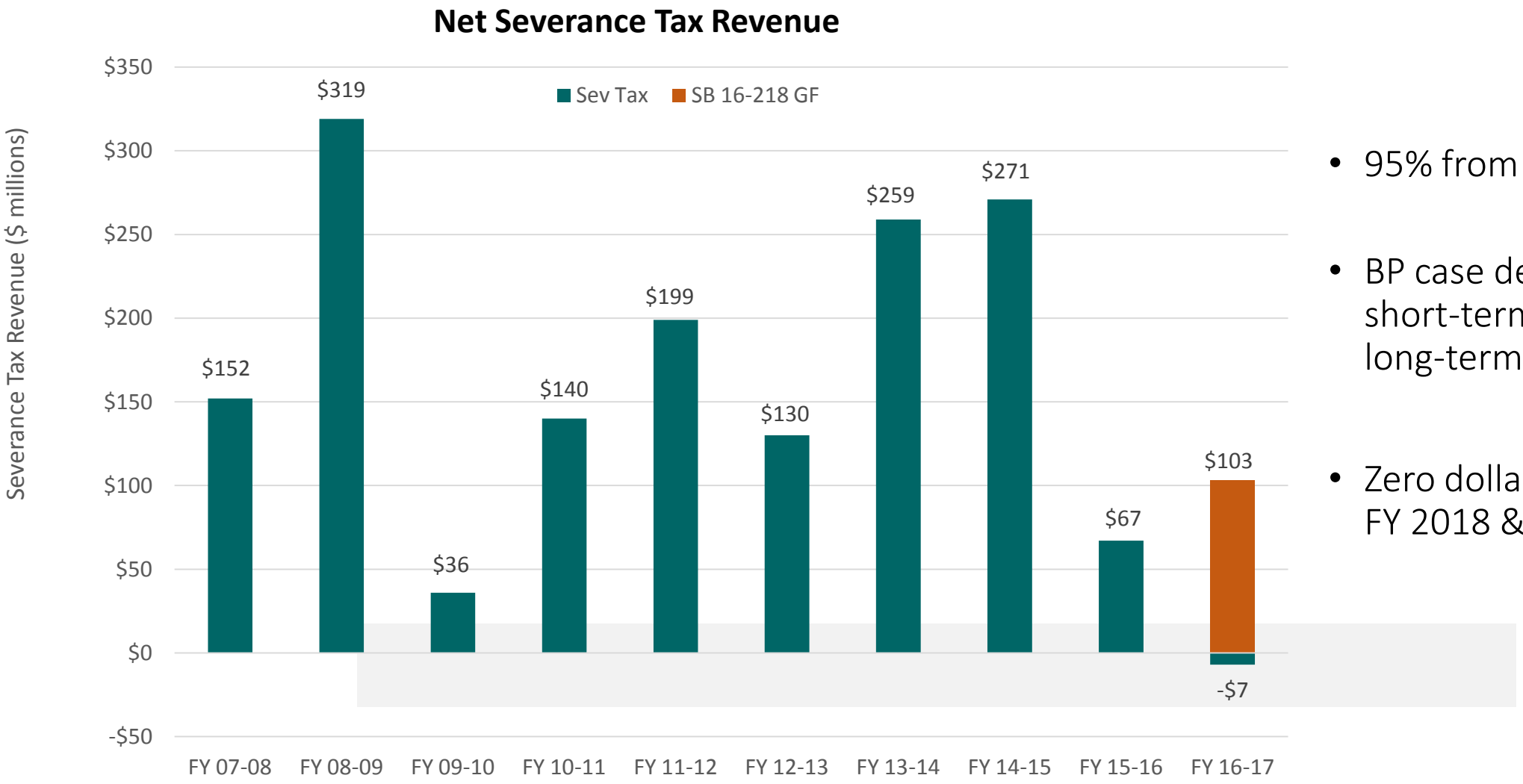
-Colorado's Water Plan

Proposed Funding Categories



1. Healthy Rivers
2. Water Quality
3. Conservation & Efficiency
4. Agricultural Water Sharing and Support of DM Feasibility
5. Infrastructure
6. Special Initiatives

Severance Tax Revenue Volatility



- 95% from Oil & Gas
- BP case decreased short-term & long-term funding
- Zero dollar in FY 2018 & FY 2010

Severance Tax Issues present challenges to:

- Roundtable Funding
- WSRF Funding
- All Tier II Programs

Goals for new funding?

$100 million annually ($3 billion by 2050) starting in 2020."

New Funds, New Projects

(ONLY)

Shoring Up Project Funding + New Projects

(SAME ASK)

Shoring Up Project Funding + New Projects

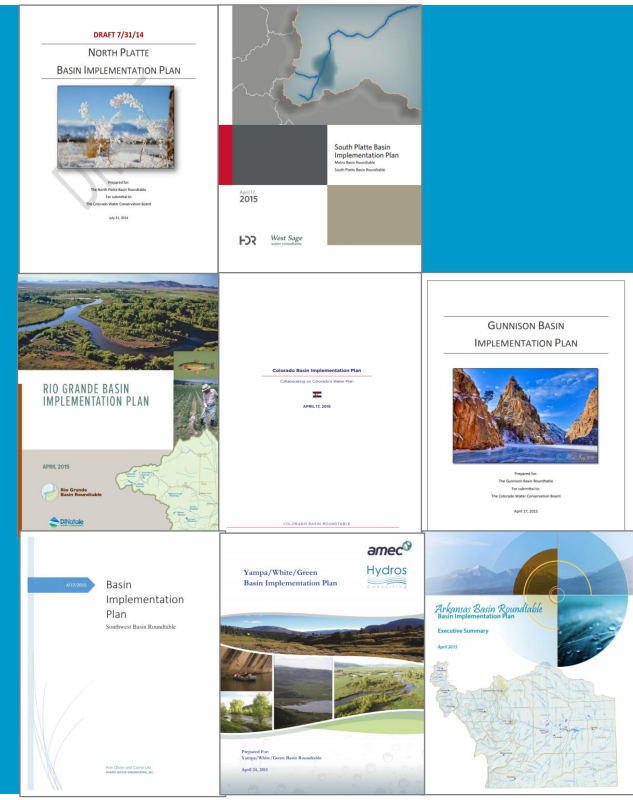
(BIGGER ASK)

Key Questions For Consideration

- Who administers new revenue sources?
- How new revenue sources would be used?
- The amount of funding that is needed?

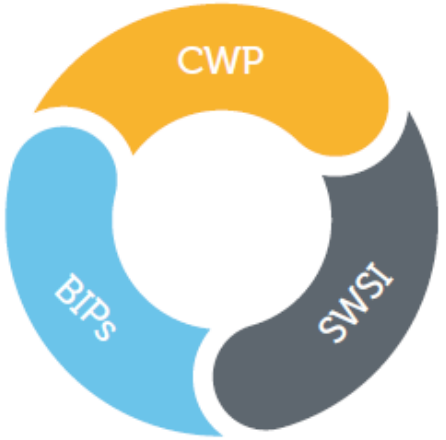
DISCUSSION

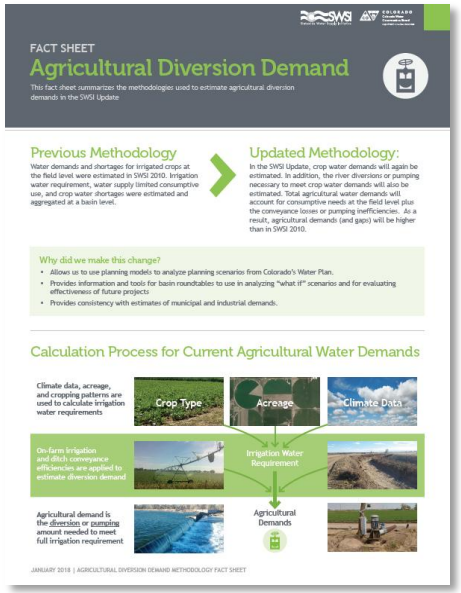
Basin Implementation Plan Updates & IPPs

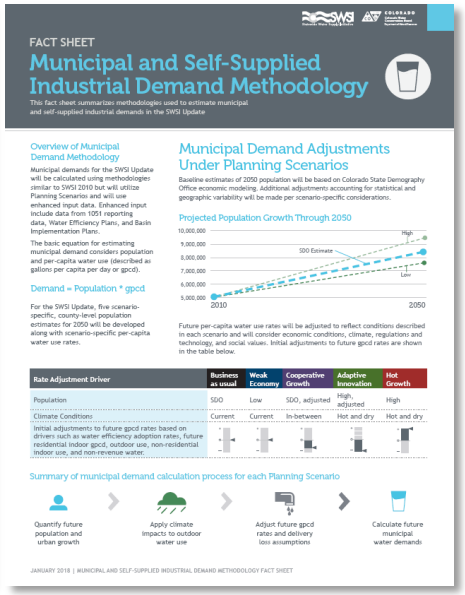


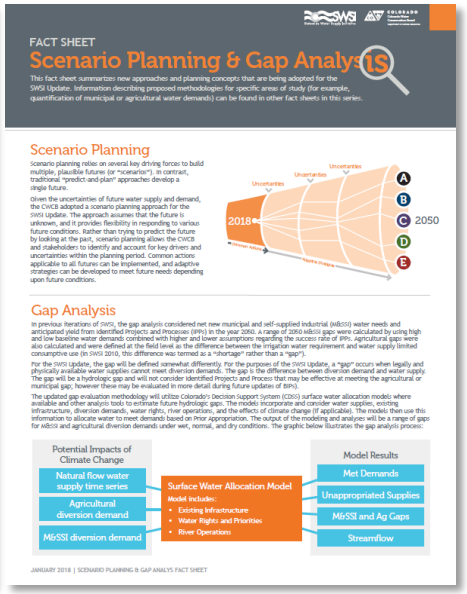
Context

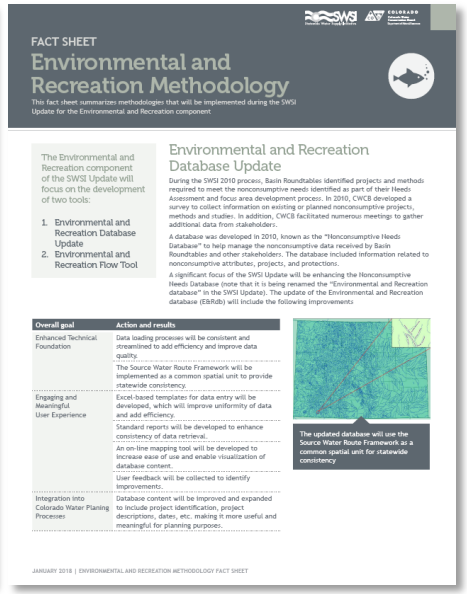
- Technical Focus
- Provides Tools
- Helps BIP Updates
- Supports CWP Update

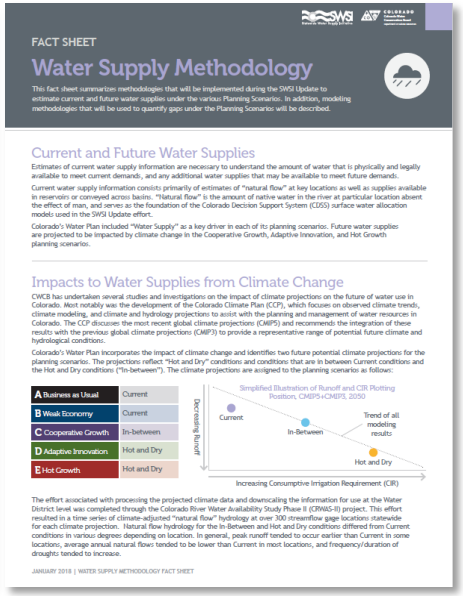


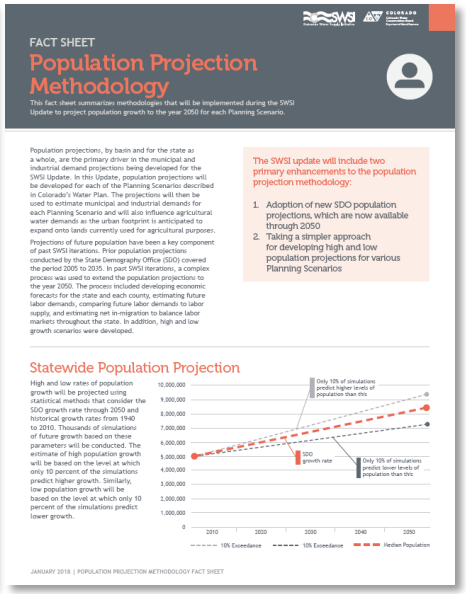


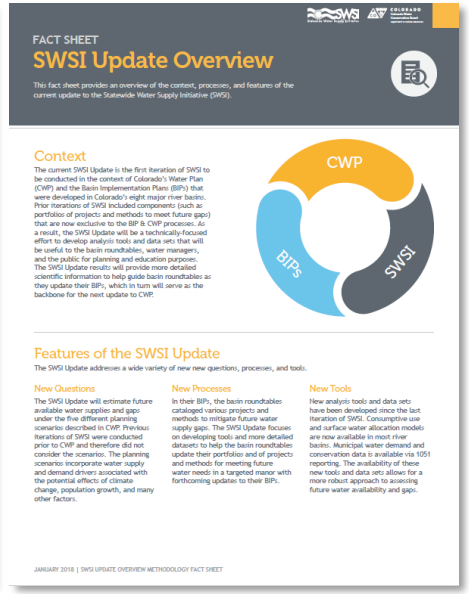












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Colorado Water Conservation Board
Department of Natural Resources

Updating SWSI

Night and Day Approaches

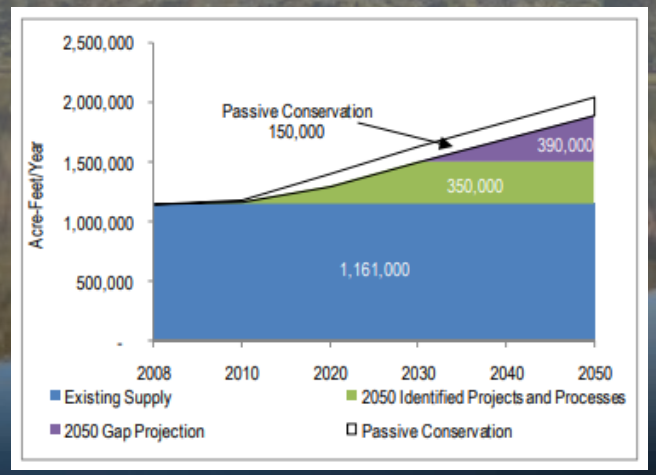
SWSI 2010

2050 Demand

\- Available Water

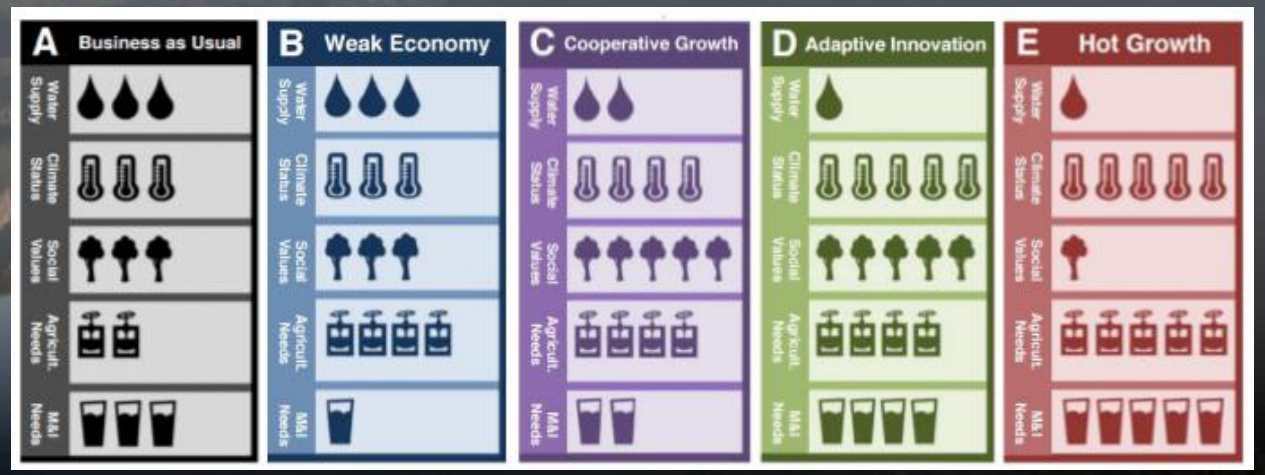
\+ Projects and Processes

= 2050 M&I Gap



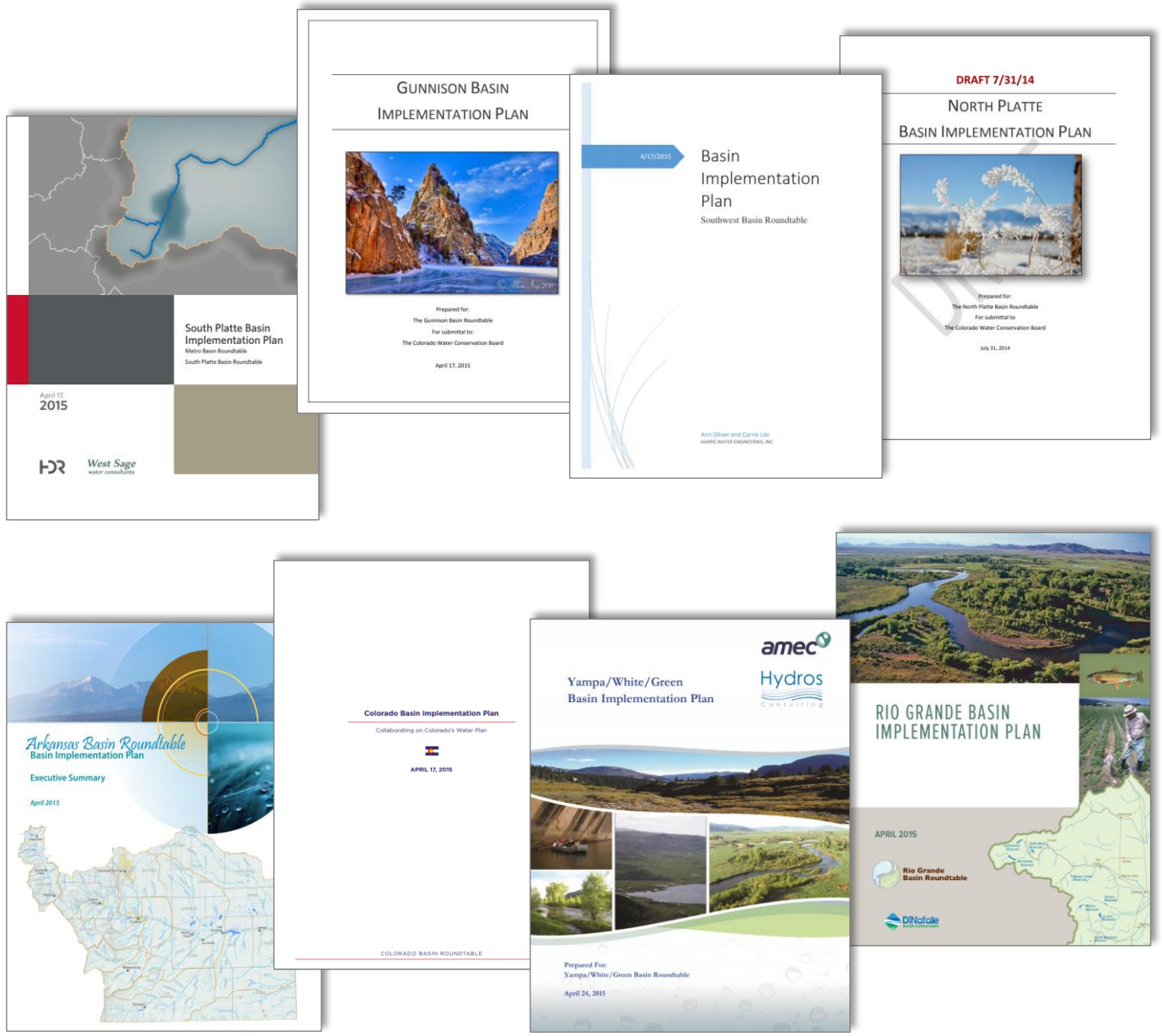
SWSI UPDATE

- Hydrologic Modeling
- M&SSI Demand Methodology
- Ag Demand Methodology
- Environmental & Recreation Analysis
- Scenario Planning Across Major Drivers

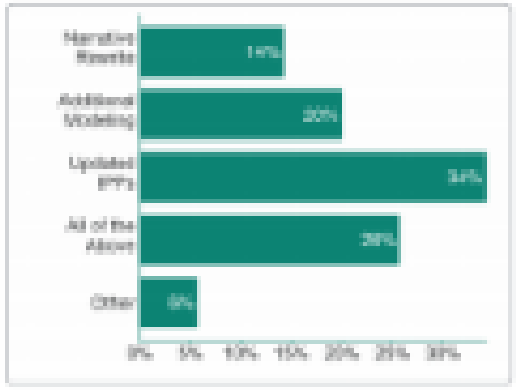


BIP Updates

- Goal to enhance consistency
- Add value (not rehash narrative)
- May not require modeling
- Enhanced metrics (e.g. yield; costs)
- Inform future funding



What's the right level of detail for the BIP updates?

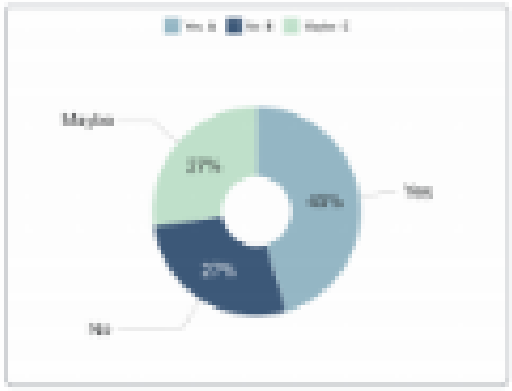


Response options	Count	Percentage
Narrative Rewrite	5	14%
Additional Modeling	7	20%
Updated IPPs	12	**34%**
All of the Above	9	26%
Other	2	6%

57%
Engagement

35
Responses

Is your roundtable ready to update your BIP in 2019?

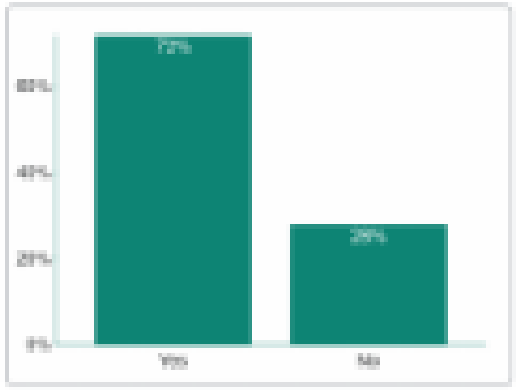


Response options	Count	Percentage
Yes	10	**45%**
No	6	27%
Maybe	6	27%

41%
Engagement

22
Responses

Do you think your BIP could be enhanced with improved metrics for project cost, yield and benefit?

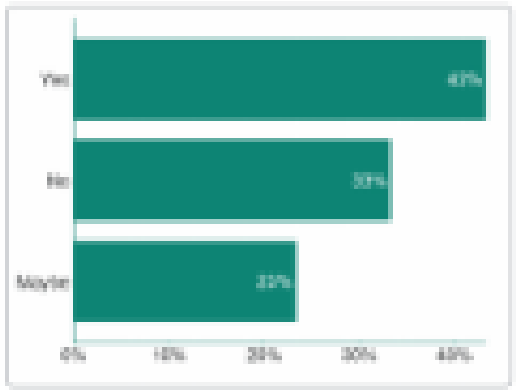


Response options	Count	Percentage
Yes	18	72%
No	7	28%

47%
Engagement

25
Responses

Should a BIP Working Group be considered to help establish guidance for evaluating projects and standardizing BIP updates?



Response options	Count	Percentage
Yes	13	43%
No	10	33%
Maybe	7	23%

51%
Engagement

30
Responses

Should a BIP Working Group be considered to help establish guidance for evaluating projects and standardizing BIPs?

A. Yes

B. No

C. Maybe

NEXT STEPS

Next Steps & Next Meeting

QUESTION

Should the next meeting be in September?

A. Yes

B. No

QUESTION
(Save a Doodle Poll)

What date works best for you?

A. 4
B. 5
C. 6
A. 11
B. 12
C. 13
D. 25
E. 26
F. 27

Final Questions?
Final Thoughts?