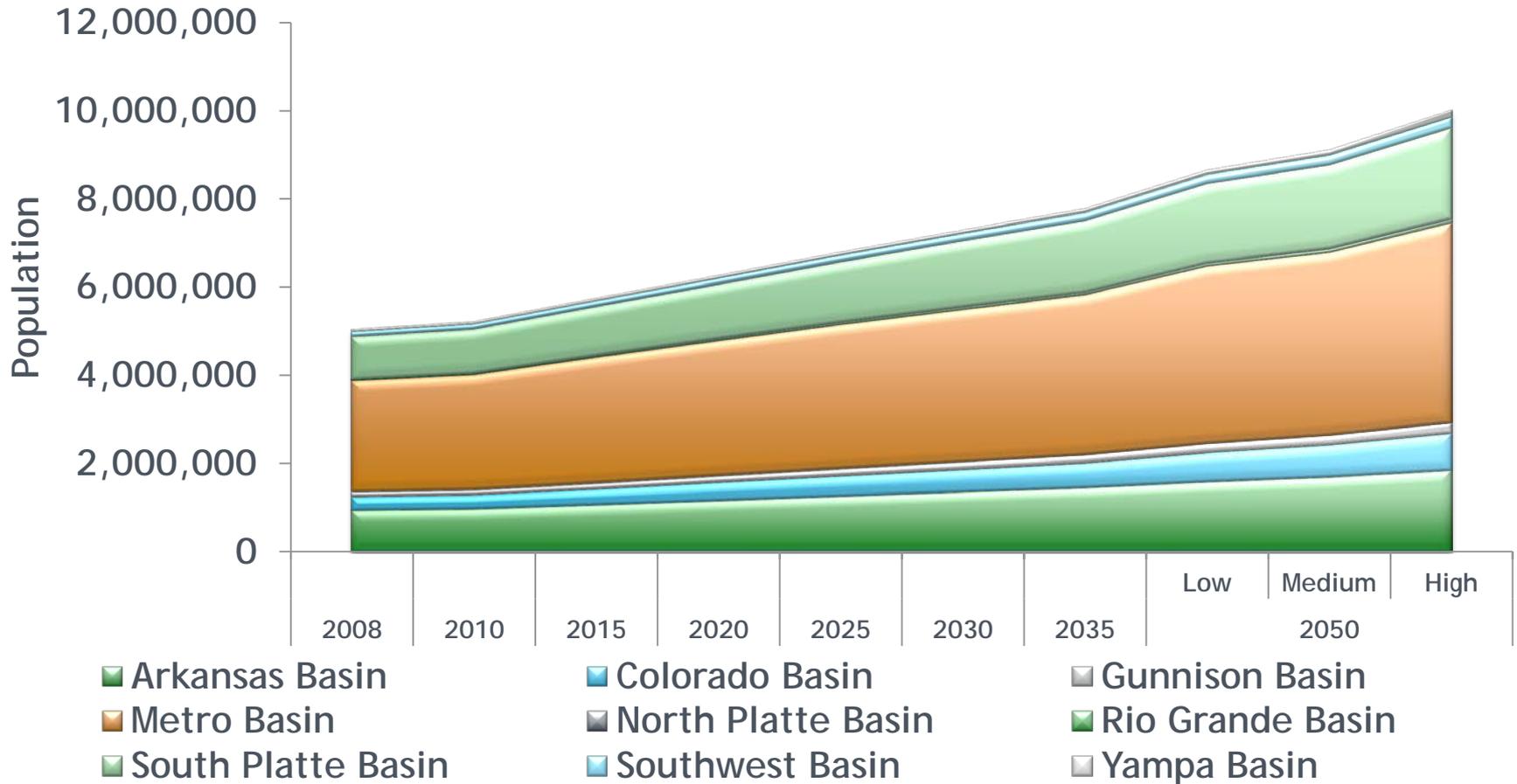


*Colorado's Water Plan: Meeting Statewide  
Efficiency Goals from the Bottom Up*

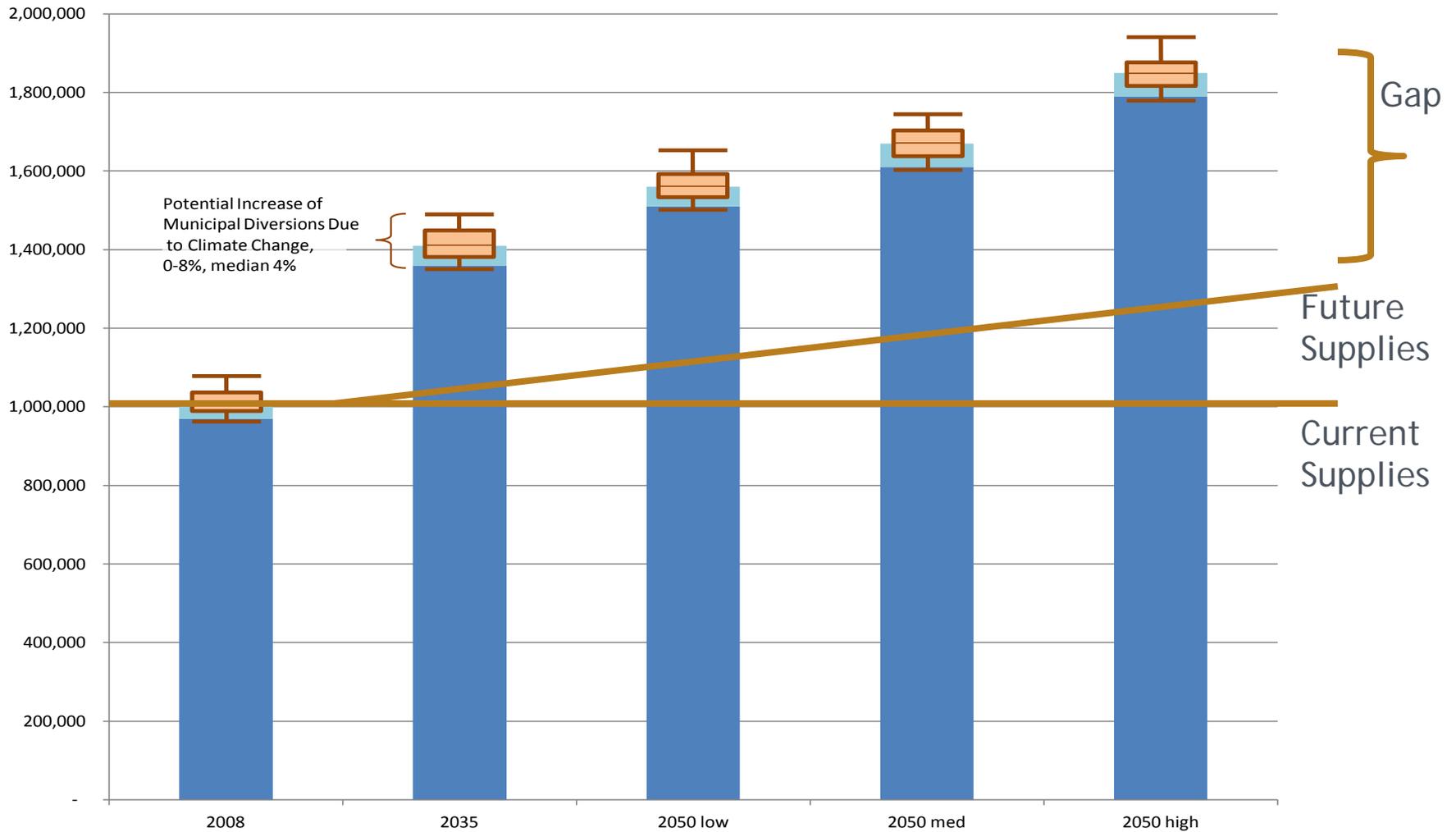
*Financing Sustainable Water  
Glenwood Springs, CO  
February 28, 2017*

*Kevin Reidy,  
Water Supply Planning  
Colorado Water Conservation Board*

# *By 2050, Colorado's Population is Expected to Nearly Double*



# Municipal & Industrial Gaps





**30**

months of drafting

**3**

draft plans

**8**

basin implementation plans

**30,000**

public comments

# Goals to Measure Success



**B Conservation**  
 Colorado's Water Plan sets a measurable objective to achieve 400,000 acre-feet of municipal and industrial water conservation by 2050.

**A Supply-Demand Gap**  
 Colorado's Water Plan sets a measurable objective of reducing the projected 2050 municipal and industrial gap from as much as 560,000 acre-feet to zero acre-feet by 2030.

**D Agriculture**  
 Colorado's Water Plan sets an objective that agricultural economic productivity will keep pace with growing state, national, and global needs, even if some acres go out of production. To achieve this objective, the State will work closely with the agricultural community, in the same collaborative manner that has produced agricultural transfer pilot projects, to share at least 50,000 acre-feet of agricultural water using voluntary alternative transfer methods by 2030.

**C Land Use**  
 Colorado's Water Plan sets a measurable objective that by 2025, 75 percent of Coloradans will live in communities that have incorporated water-saving actions into land-use planning.

**G Funding**  
 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. Such funds could establish a repayment guarantee fund and green bond program focused on funding environmental and recreational projects. In addition, such funds could further support conservation, agricultural viability, alternative transfer methods, education and outreach, and other plan implementation priorities.

**F Watershed Health, Environment, and Recreation**  
 Colorado's Water Plan sets a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans, and 80 percent of critical watersheds with watershed protection plans, all by 2030.

**E Storage**  
 Colorado's Water Plan sets a measurable objective of attaining 400,000 acre-feet of water storage in order to manage and share conserved water and the yield of IPPs by 2050. This objective equates to an 80 percent success rate for these planned projects.

**H Education, Outreach, and Innovation**  
 Colorado's Water Plan sets a measurable objective to significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys. Colorado's Water Plan also sets a measurable objective to engage Coloradans statewide on at least five key water challenges (identified by CWCB) that should be addressed by 2030.



CLOSING  
THE  
GAP.

GETTING TO  
ZERO BY 2030.

# Supply-Demand Gap

Colorado's Water Plan sets a measurable objective of reducing the projected 2050 municipal and industrial gap from as much as 560,000 acre-feet to zero acre-feet by 2030.



# INTEGRATING WATER-SAVING ACTIONS

AND LAND USE  
PLANNING.

## Conservation

Colorado's Water Plan sets a measurable objective to achieve 400,000 acre-feet of municipal and industrial water conservation by 2050.

## Land use

Colorado's Water Plan sets a measurable objective that by 2025, 75 percent of Coloradans will live in communities that have incorporated water-saving actions into land-use planning.

# *Actions*

## **Support water management activities for all water providers**

- The CWCB will continue to provide funding, technical support, and training workshops to assist water providers in improving the management of their water systems.

## **Support local water smart ordinances**

- Local jurisdictions could craft landscape and irrigation ordinances, tap fees that reflect actual water uses, education or certification for landscape professionals, green-infrastructure ordinances, and more stringent green-construction codes that include higher-efficiency fixtures and appliances and water-wise landscapes.

## **Adopt a stretch goal**

- The CWCB supports water providers in their plans to reduce projected 2050 demands by 400,000 acre-feet through active conservation savings.

# *Actions*

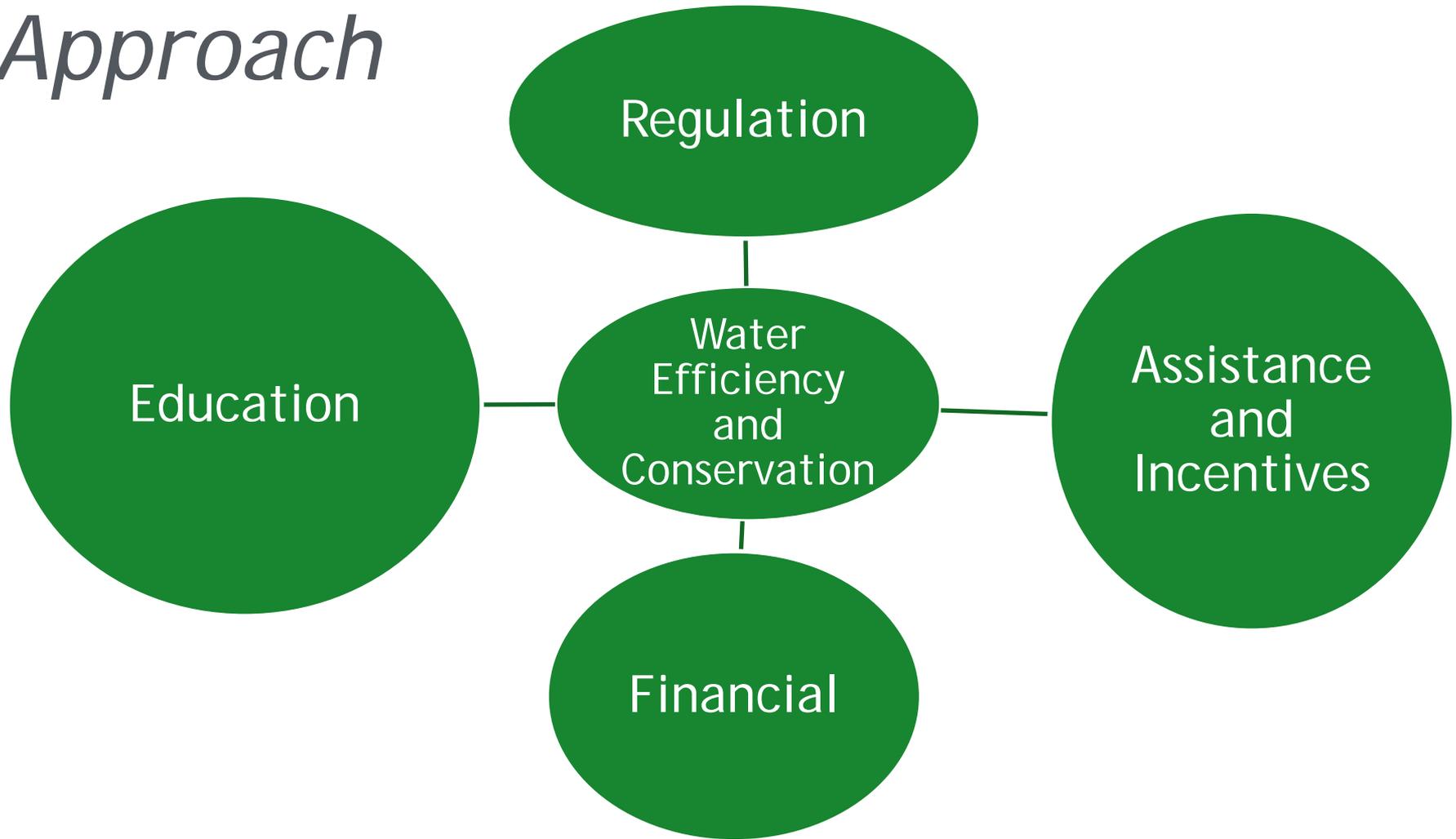
## Encourage the use of local development tools

- Through voluntary trainings in 2016, the CWCB and DOLA will encourage local governments to incorporate best management practices for water demand management, water efficiency, and water conservation into land-use decisions.

## Incorporation of land-use practices into water conservation plans

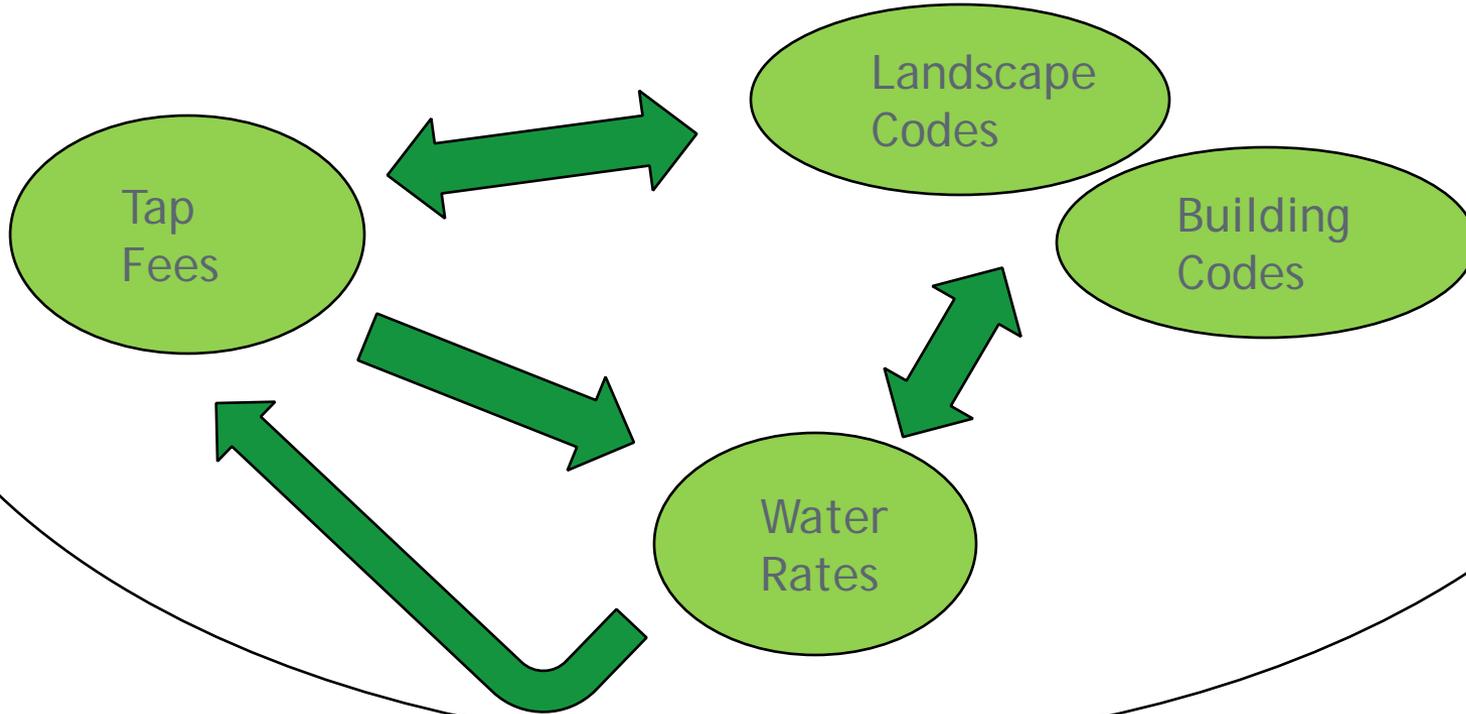
- Over the next 18 months, the CWCB, through partnerships, will develop new guidance for water conservation plans that requires the incorporation of land-use practices.

# *Comprehensive Water Efficiency Approach*



# *Relationships*

## Land Use Patterns



# *Implementing Colorado's Water Plan*

- CWCB working on state-level implementation
- Basin Roundtables implementing the Basin Implementation Plans
- Moving forward with the Statewide Water Supply Initiative (SWSI) update

# COLORADO'S WATER PLAN

WE NEED YOUR HELP TO IMPLEMENT THE PLAN.

**IMPLEMENTATION**

**STARTS WITH YOU.**

