

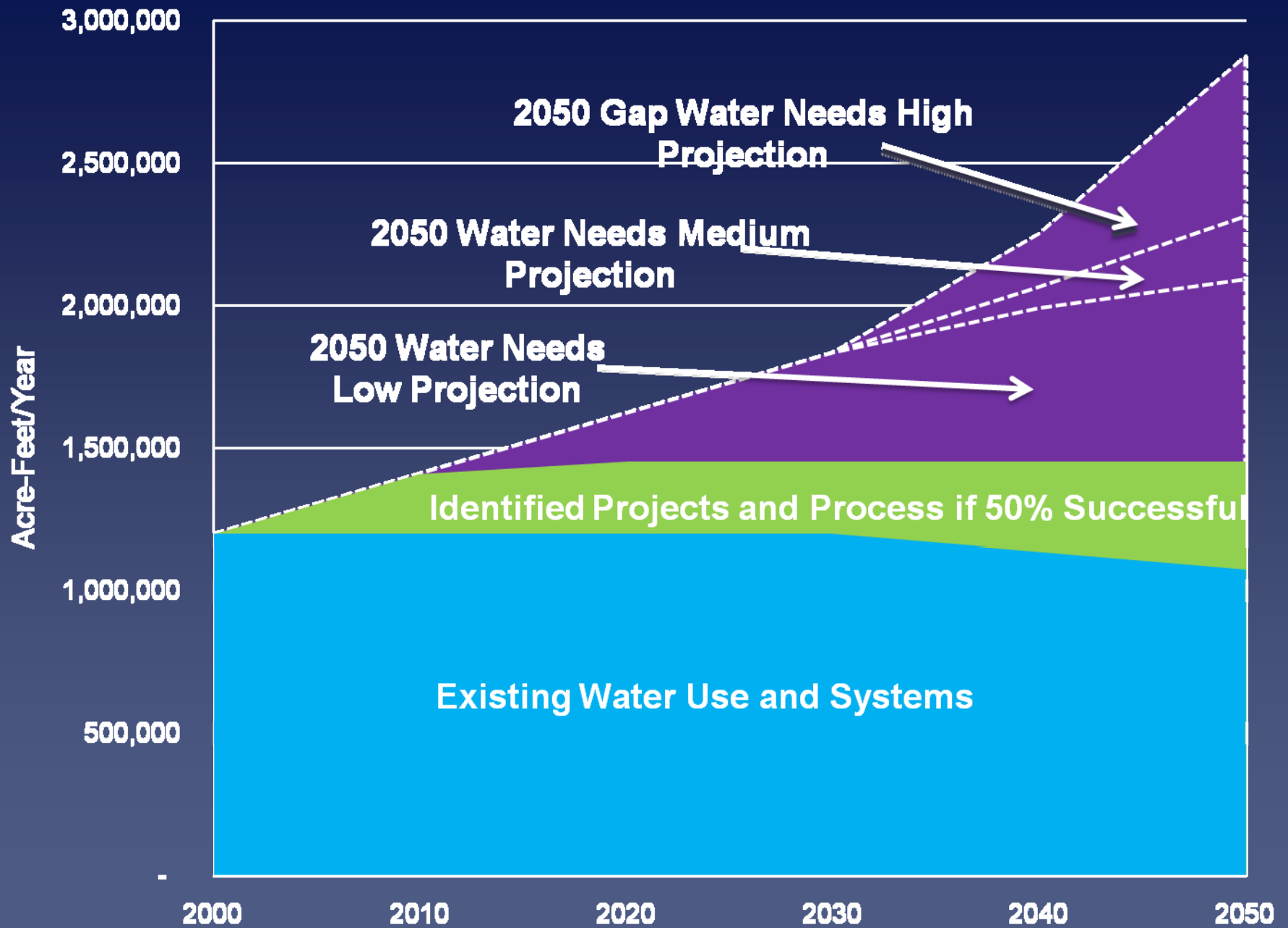
Current Concepts for Western Slope Water Utilities

# Growth, Water and Land Use: Peering into the Crystal Ball

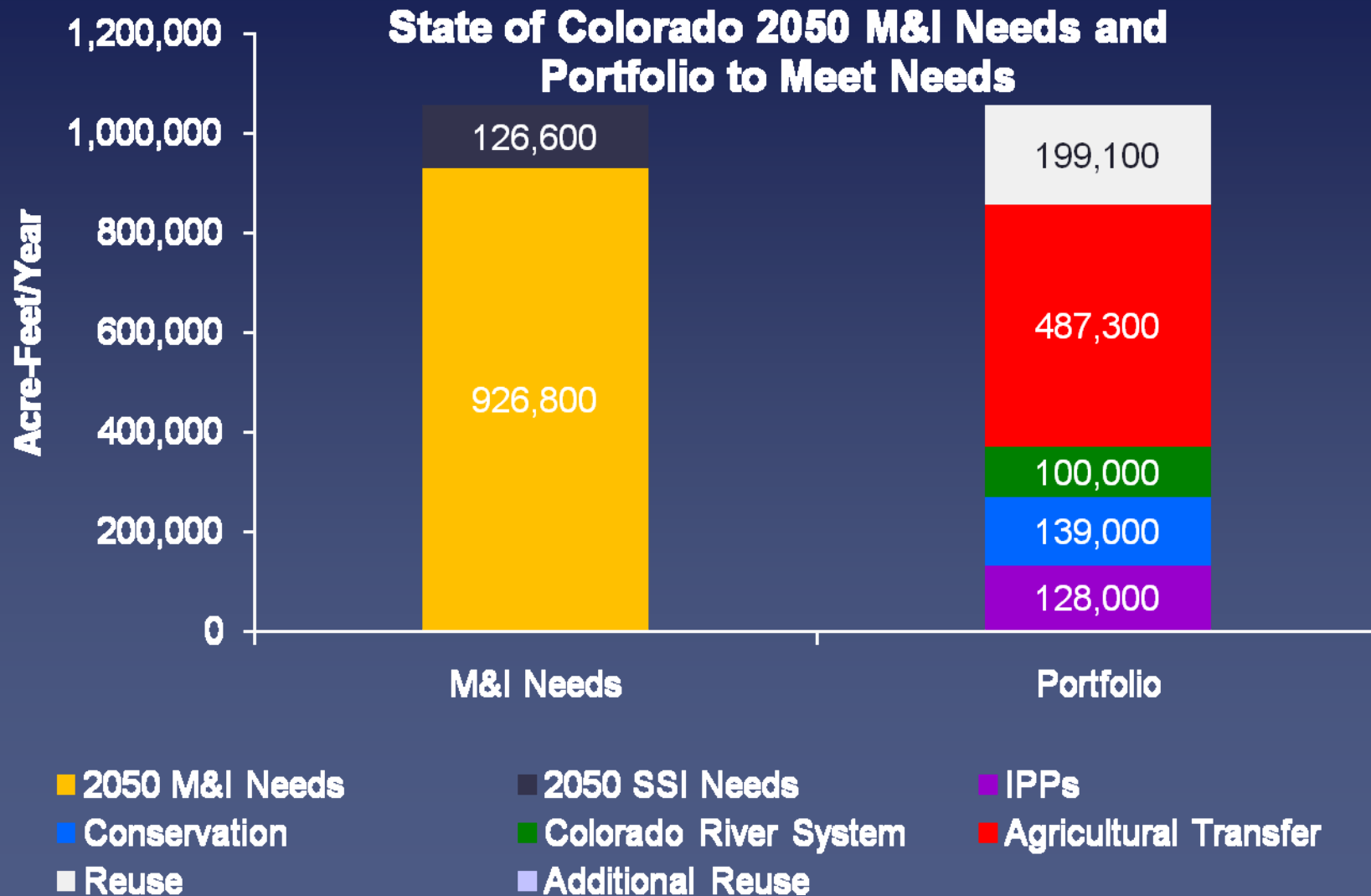
October 30, 2009

Peter Nichols, Esq.  
Trout, Raley, Montano, Witwer & Freeman  
Denver, Carbondale, Steamboat

- Colorado's population will nearly double by 2050
  - 830,000 and 1.7 million acre-feet of additional water needed to meet M&I needs
  - If Colorado's water supply continues to evolve the way it has historically, what will our state look like in 50 years?
    - Is that what we want it to look like?
    - If not, what can and should we do about it?

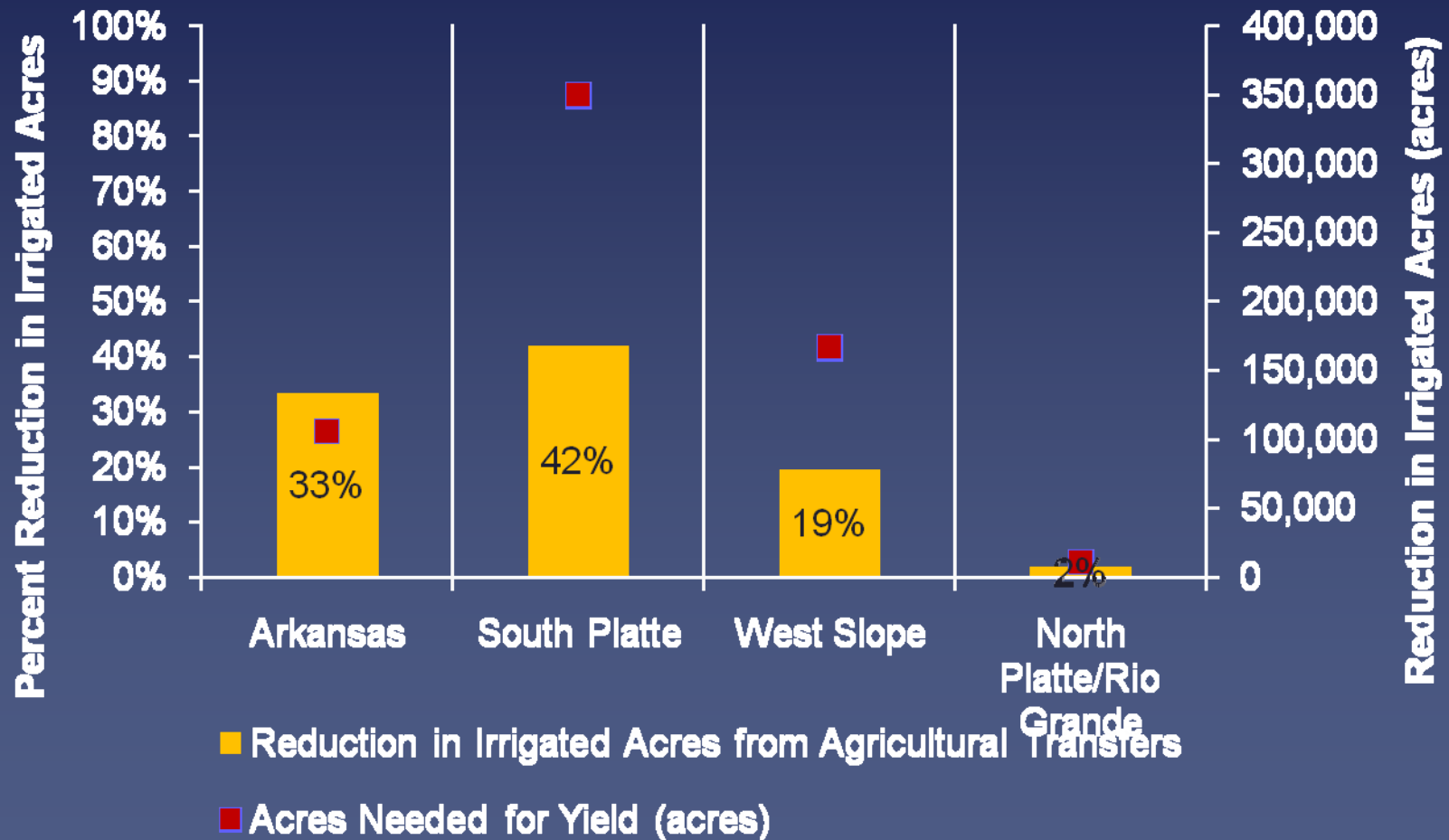


# Status Quo Portfolio 6 of 7



# Status Quo Portfolio 6 of 7

## Reduction in Irrigated Acres in 2050 Based on Scenarios



# IBCC/CWCB Visioning Process

## Basic Conclusions

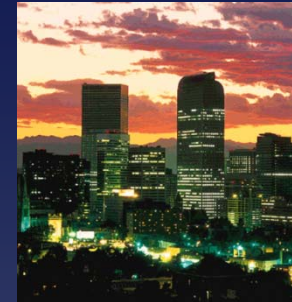
- The status quo approach to water supply will not lead to a desirable future for Colorado.
  - Status Quo = Significant loss of irrigated acres
- If not the Status Quo then what?
  - Colorado will need of range of demand side and supply side strategies
  - We need to work together to examine the trade-offs, risks, and uncertainties associated with different strategies and combinations of strategies

# Water Strategies

- Water Conservation
- Water Reuse
- Agricultural Transfers
  - Traditional and alternatives
- Development of New Supplies
  - West Slope M&I and Energy
  - Trans-basin diversions to Front Range

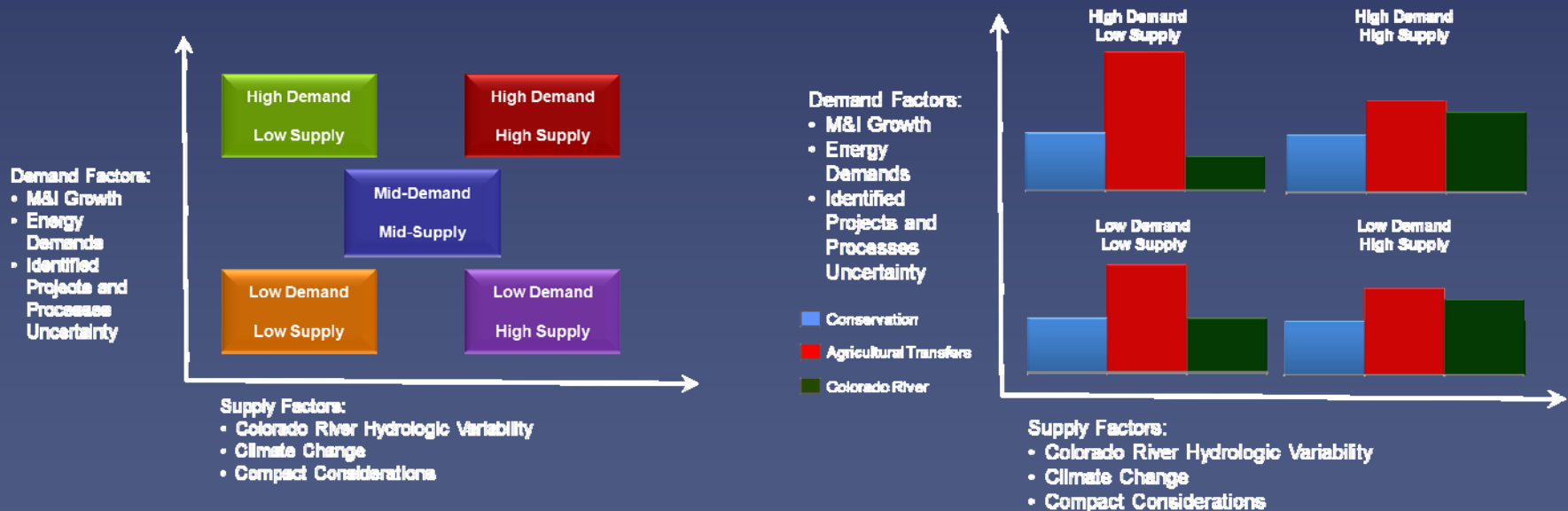
*These strategies address M&I needs, and options to address agricultural, environmental and recreational needs must be added as strategies are evaluated*

- Linking Land Use Planning and Water Supply Planning – Colorado Report and WSWC Symposium

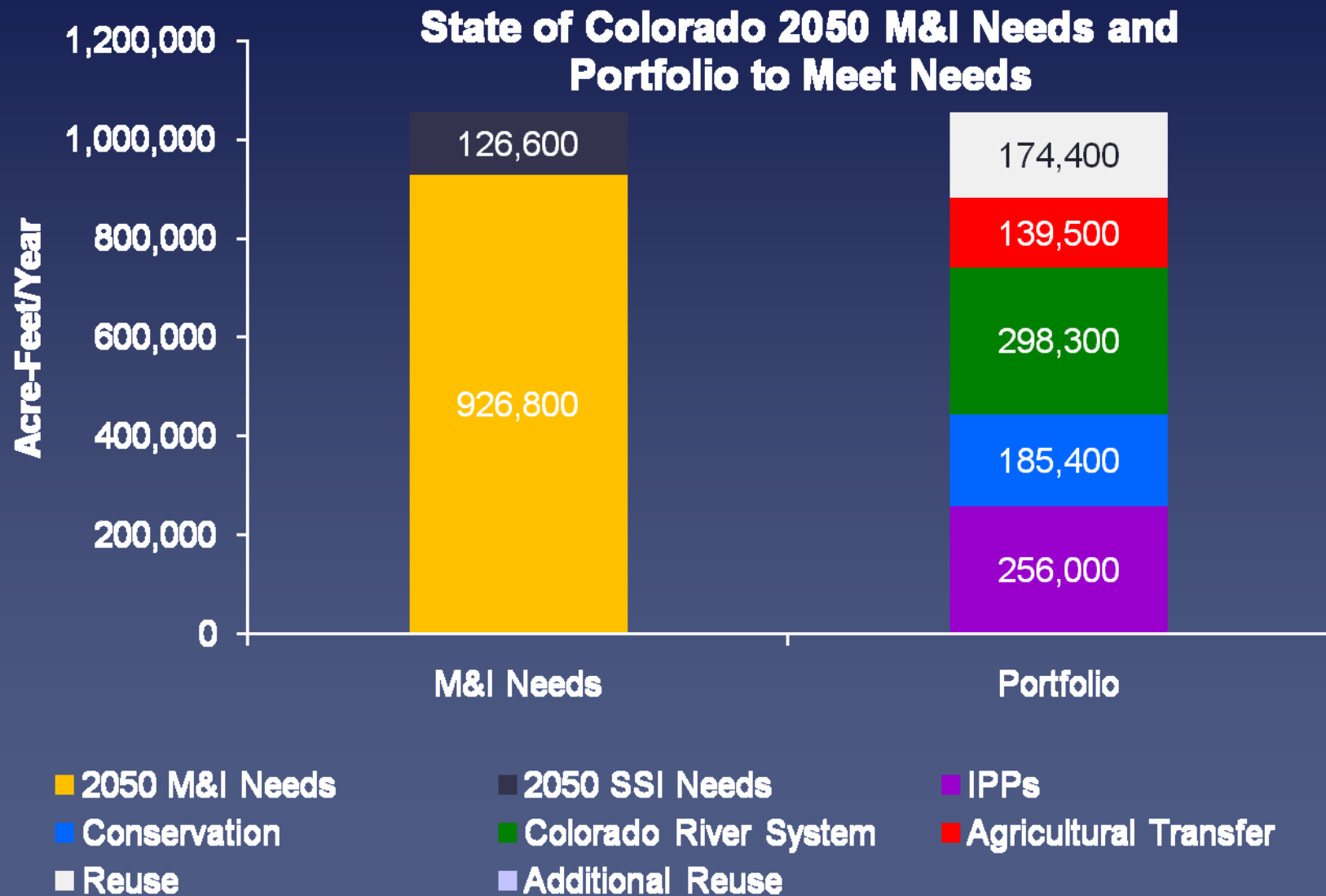


# Building combinations of strategies (“portfolios”) for meeting Colorado’s future water needs. Different mixes of:

- Conservation
- Reuse
- New Supply Development
- Ag Transfers



# Example Portfolio No. 1 of 7



# Example Portfolio No. 1 of 7

## Reduction in Irrigated Acres in 2050 Based on Scenarios

