



**United Water**  
CONSERVATION DISTRICT

# BRINGING IT ALL TOGETHER —An Overview Of Benefits And Costs

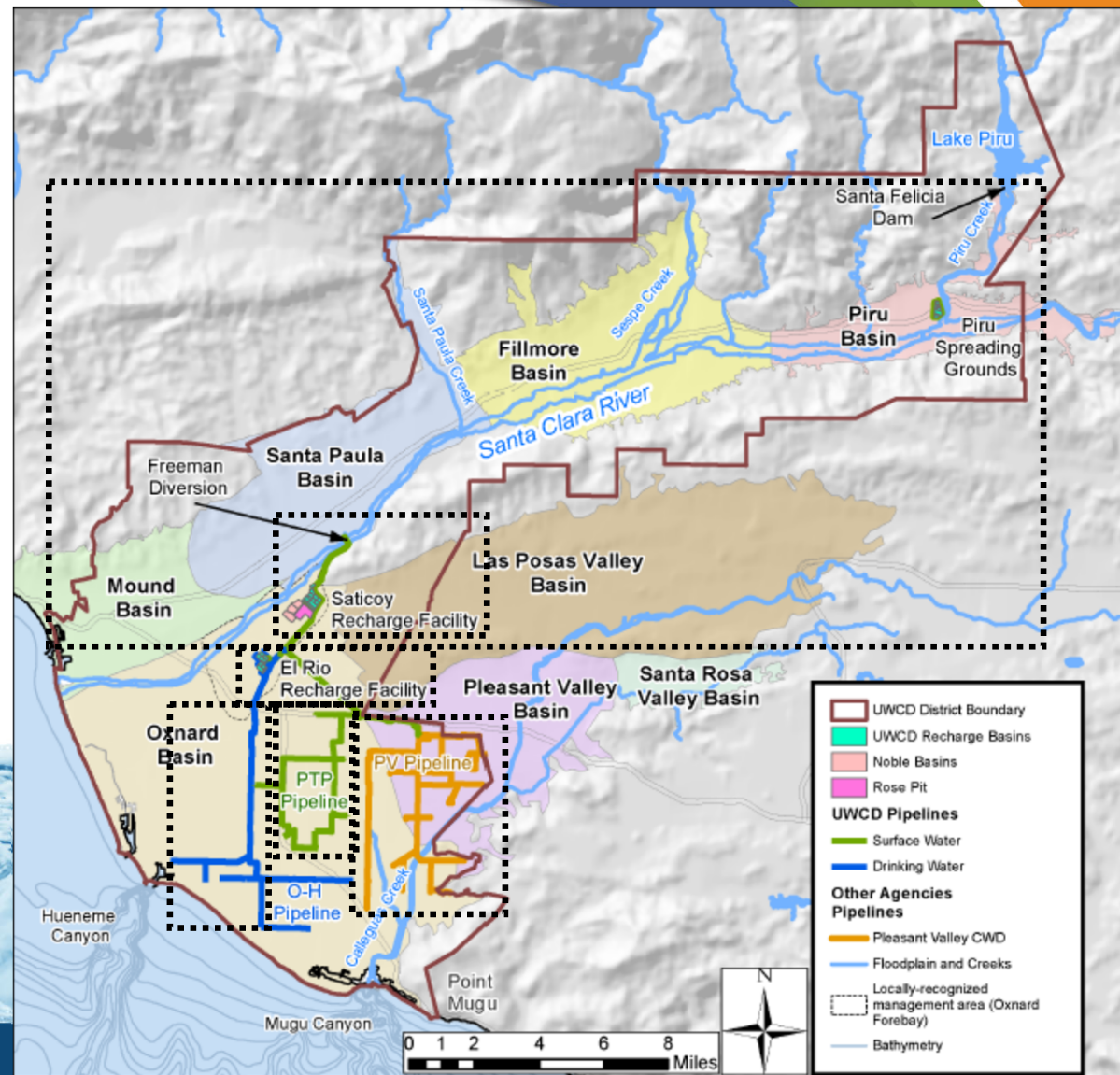
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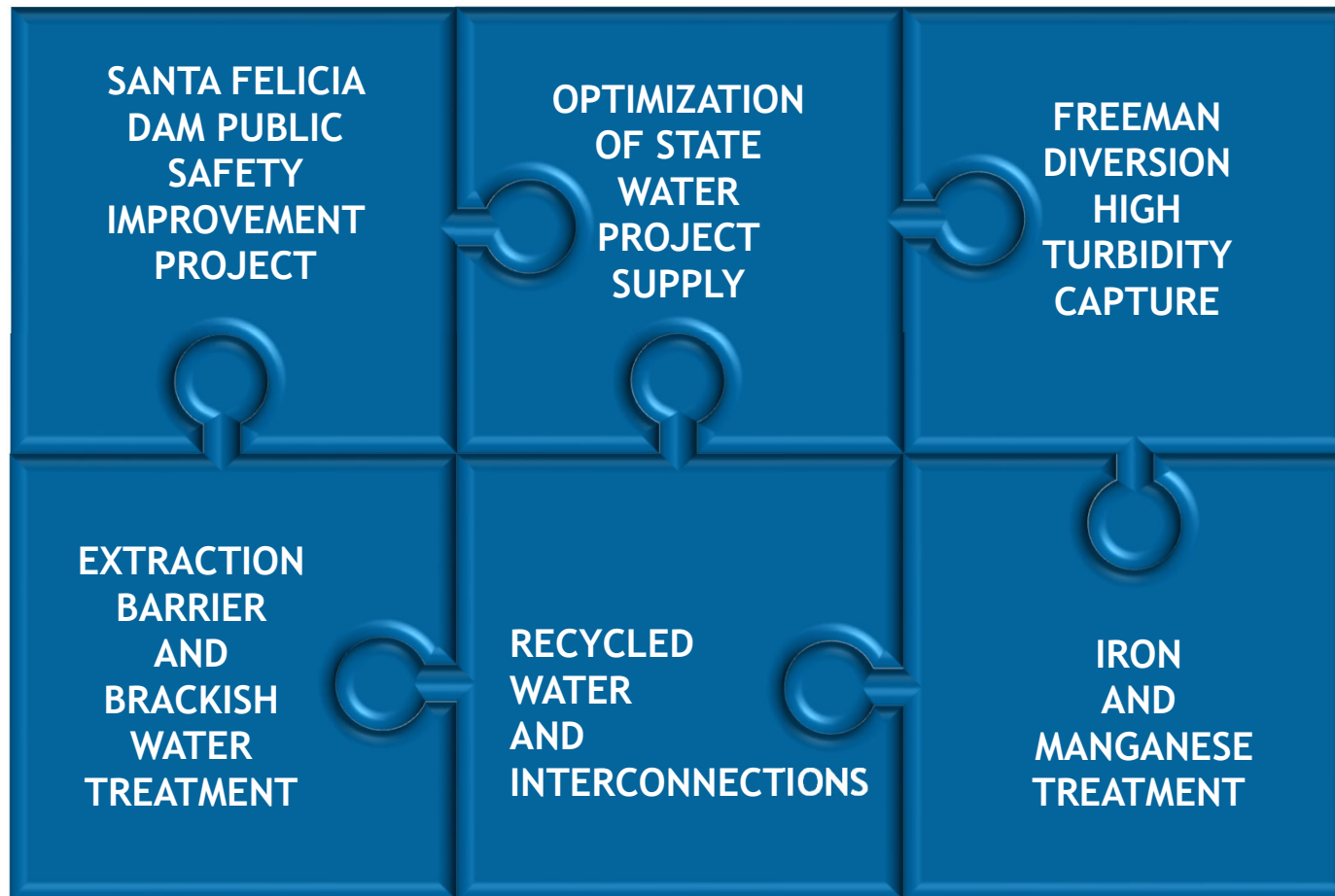
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# Past Efforts Have Played a Major Role in Our Region's Success

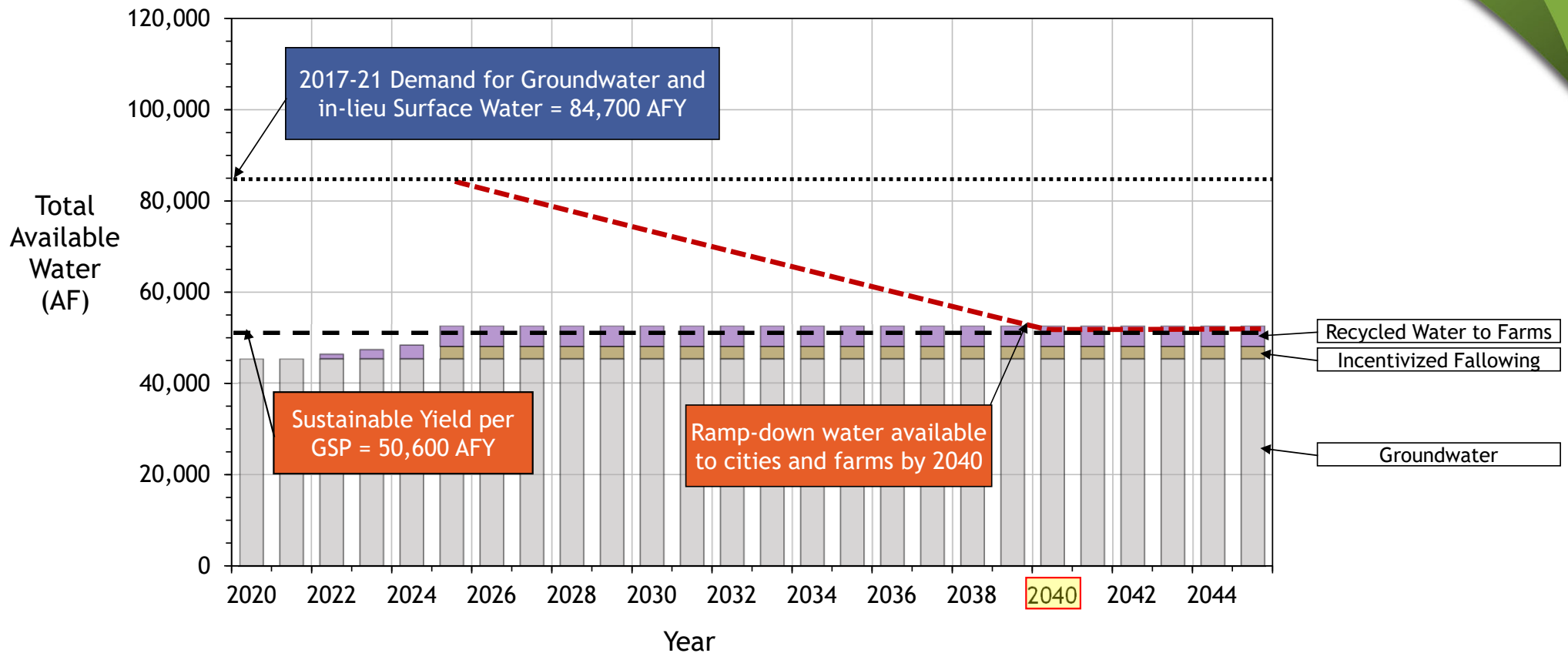




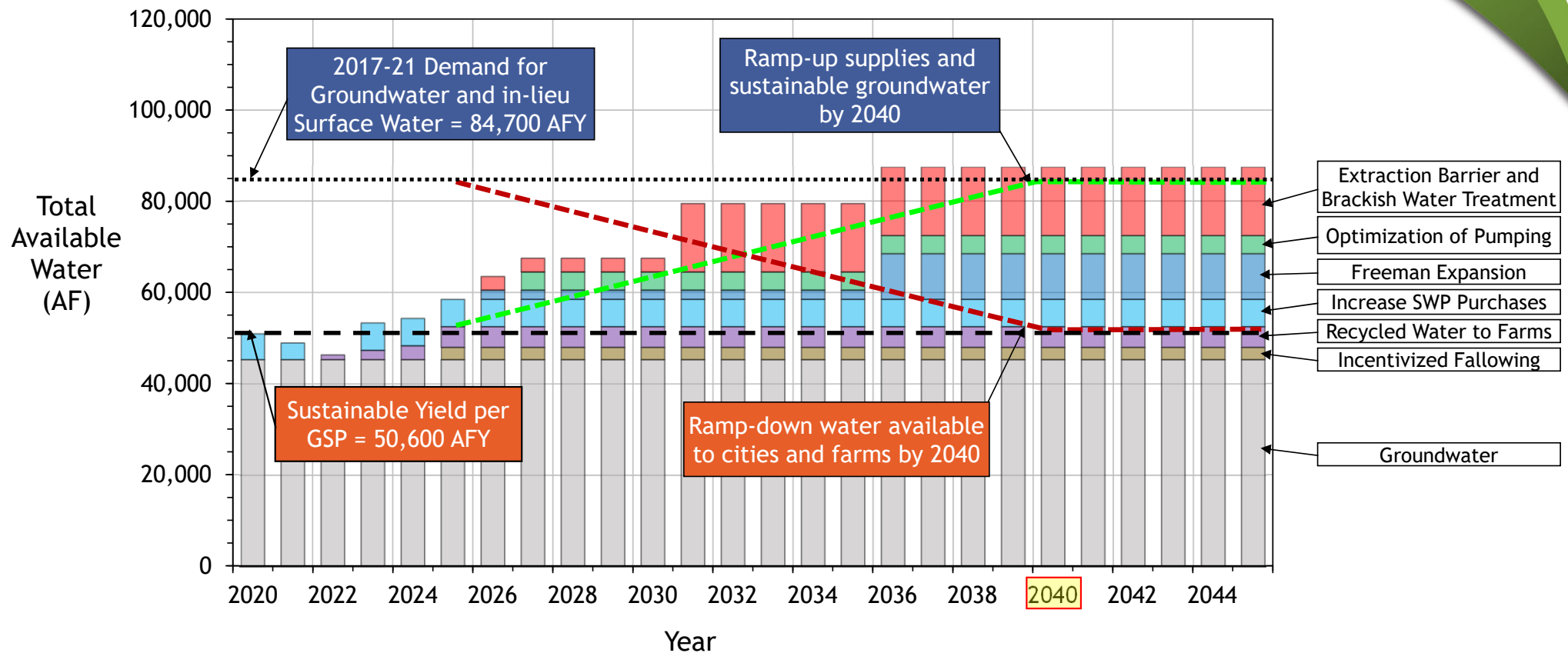
## *Planned Projects Address Remaining Issues*



# The Future of the OPV Basins *Without* Sustainability Projects



# Achieving Sustainability in the OPV Basins *before 2040*

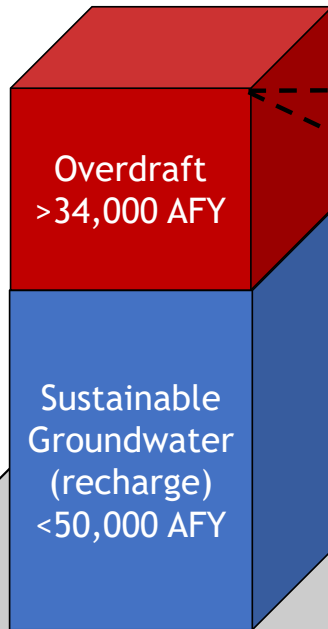


# Achieving More than Sustainability

Project	Resilience (M&I + Ag)	Water Quality	Reduce GHGs	Help DACs	Preserve Farmland	Low Cost for Water	Safety
Santa Felicia Dam and SWP Water	✓	✓		✓	✓	✓	✓
Freeman Expansion		✓	✓	✓	✓	✓	
EBB Water	✓	✓		✓	✓		
Recycled Water	✓	✓			✓		
Iron/Mn Treatment	✓	✓		✓		✓	
Optimize Pumping	✓		✓	✓	✓	✓	
<b>Combined Benefit</b>	✓✓✓ ✓✓	✓✓✓ ✓✓	✓✓	✓✓✓ ✓✓	✓✓✓ ✓✓	✓✓✓ ✓	✓

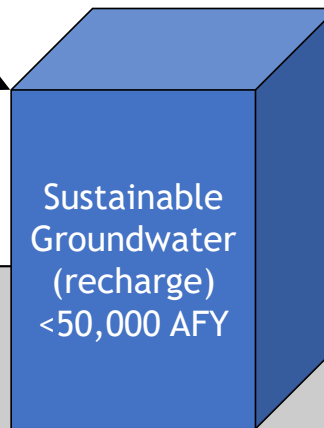
# Costs and Benefits

**Current situation:**  
~84,000 AFY



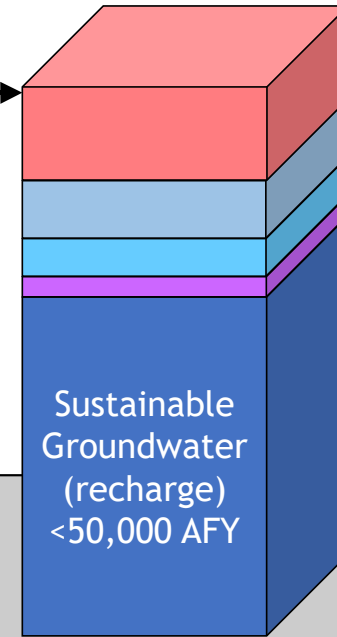
- ◆ Cheap water
- ◆ Unsustainable

**No new projects:**  
Less than 50,000 AFY



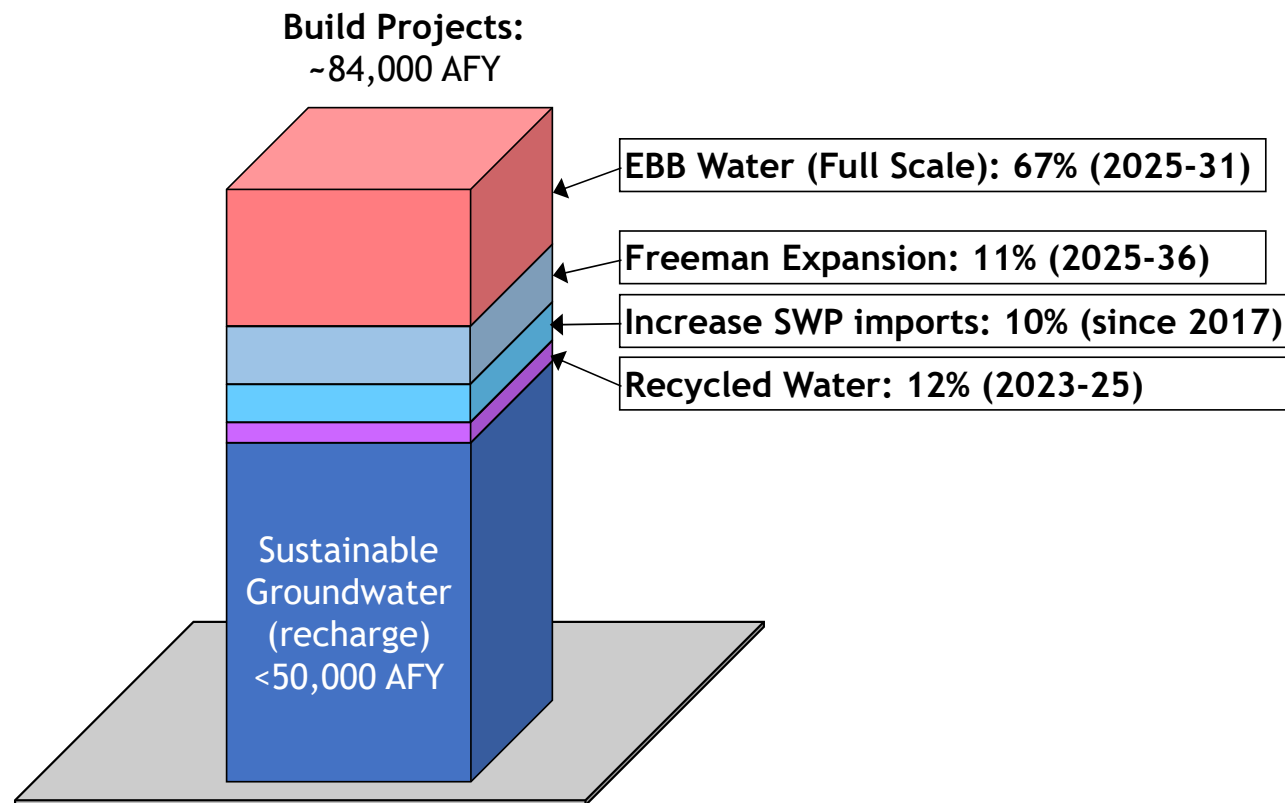
- ◆ \$300 more per AF
- ◆ 40% reduction in water supply
- ◆ Economic uncertainty
- ◆ No benefits (e.g., resilience)

**Build Projects:**  
84,000+ AFY




- ◆ \$400 more per AF
- ◆ 100% current water supply
- ◆ Economic certainty
- ◆ Multiple benefits

# Relative Costs of Key Water Supply Projects







“While drought is a lived experience and a massive stressor on the human psyche, drought leadership will need to be clear-headed and strategic.”

- *California Water Commission, “Long-term Drought in California: Overview and Global Context,”*

*October 2022*

