

# REGION H

## Water Planning Group



## STATUS UPDATE ON THE 2026 REGION H WATER PLAN

North Houston Association  
Water Committee

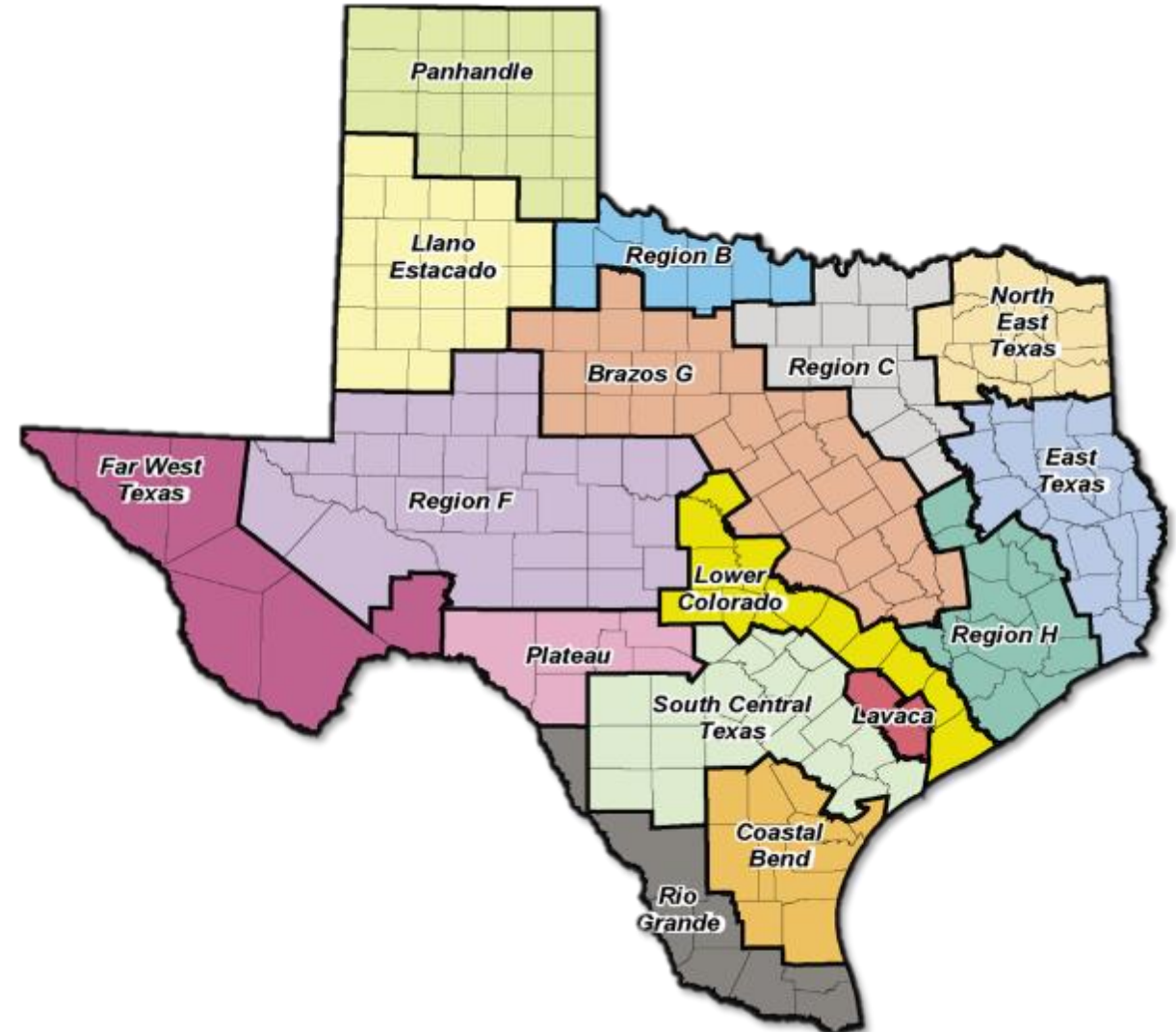
12 September 2024

# RWP Process Overview and General Updates

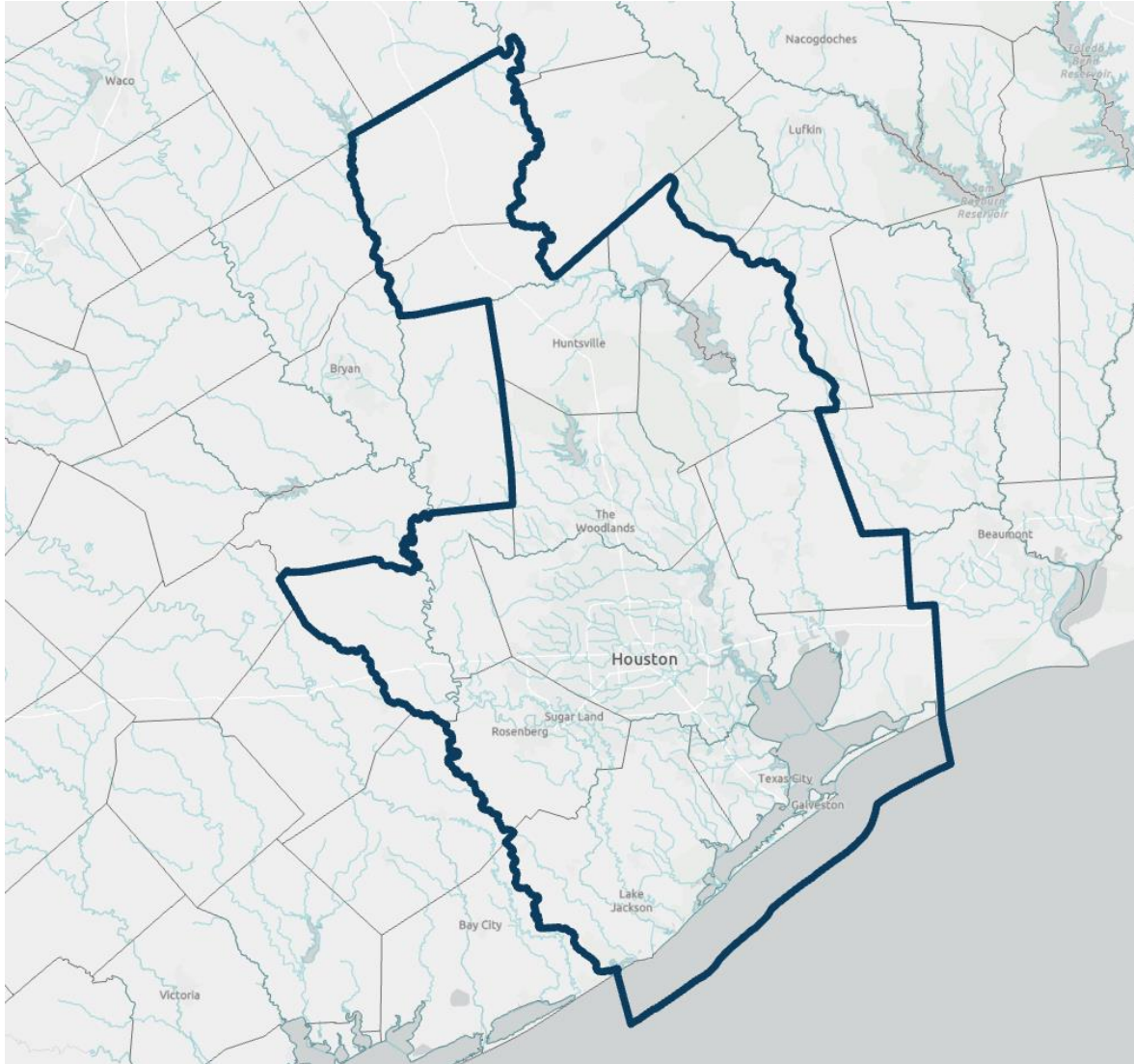


# The What

- 16 regions based on natural and political boundaries
- Volunteer planning groups of diverse interests
- 50-year horizon, 10-year intervals
- Five-year cycle
- Compiled into State Water Plan



# You Are Here



Extends over 15 counties



Two major and four minor aquifers



Three river basins and three major reservoirs



26 volunteer Planning Group members

# Easy as 1, 2, 3

**Demands**  
How much water do we need?

**Supplies**  
How much water do we have?

**Identify Needs**

**Strategies**  
How can we get more water?

**Select and Recommend WMS**

**Initially Prepared Plan**  
Public review and comment

**Final Plan**  
What do we recommend?

# Process Timeline



\*Region H accepts public comment throughout the planning cycle and at each RWPG and committee meeting.

# Changes for the Sixth Cycle

## Removed

- RWPG prioritization analysis
- Infrastructure Finance survey

## Added

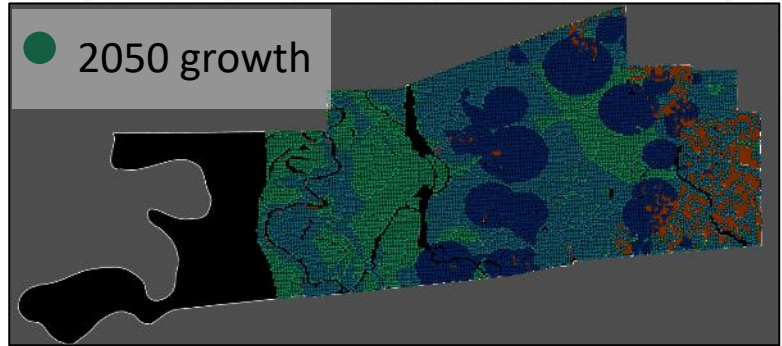
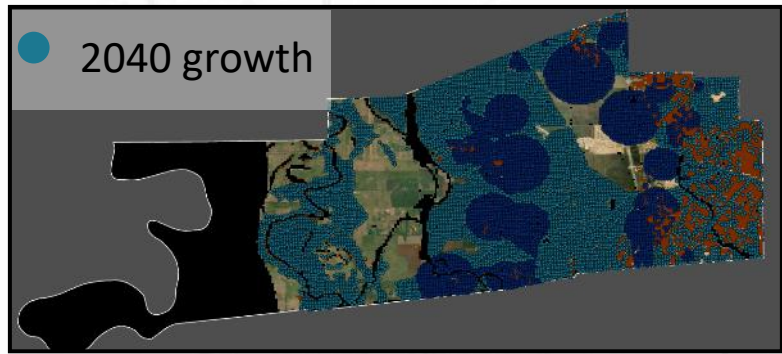
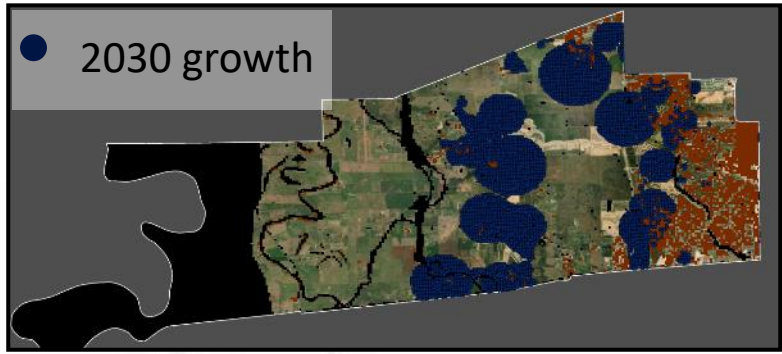
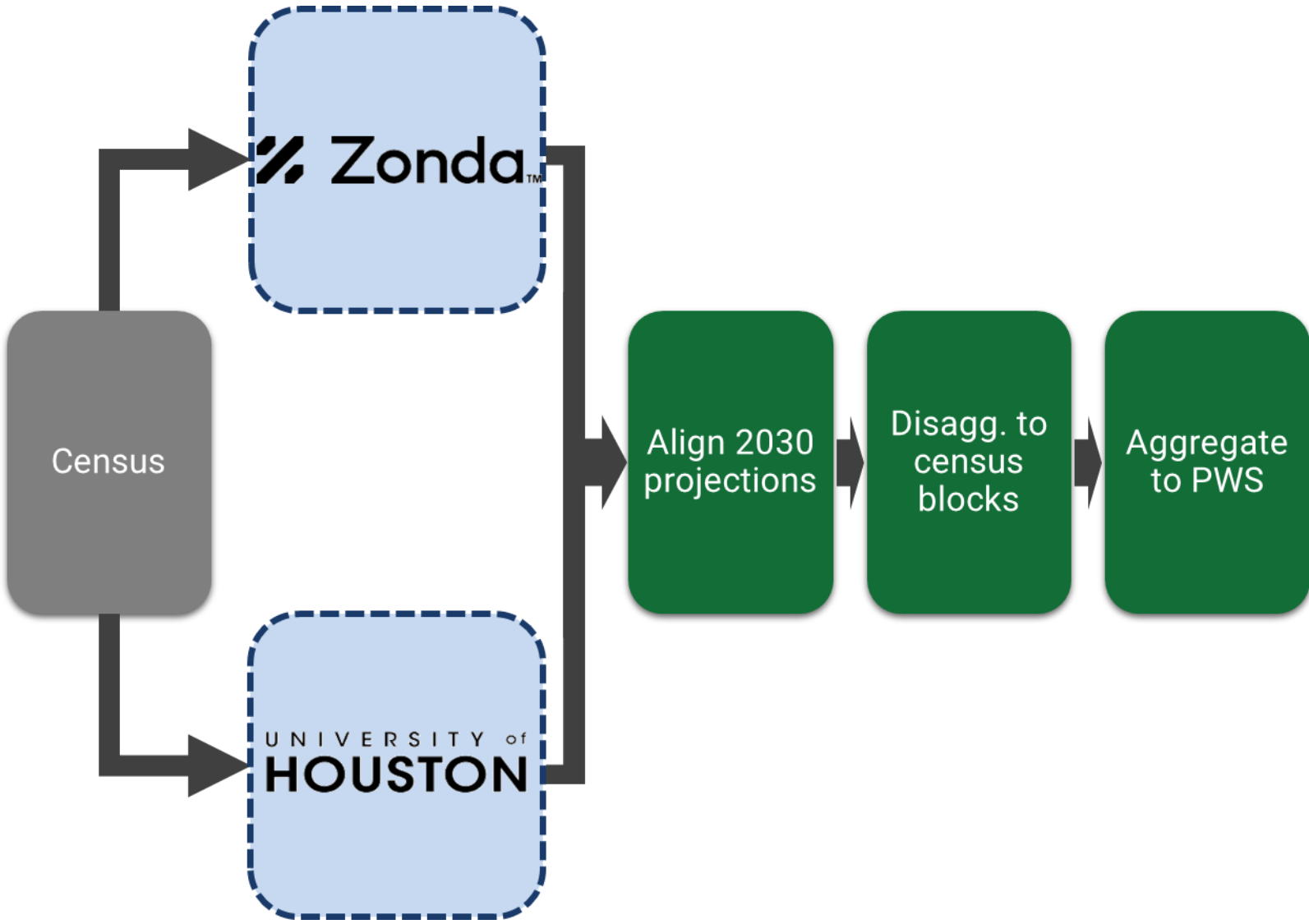
- Analysis of infeasible strategies
- More defined interregional coordination processes
- Interregional Planning Council recommendations

# Assessing Regional Needs

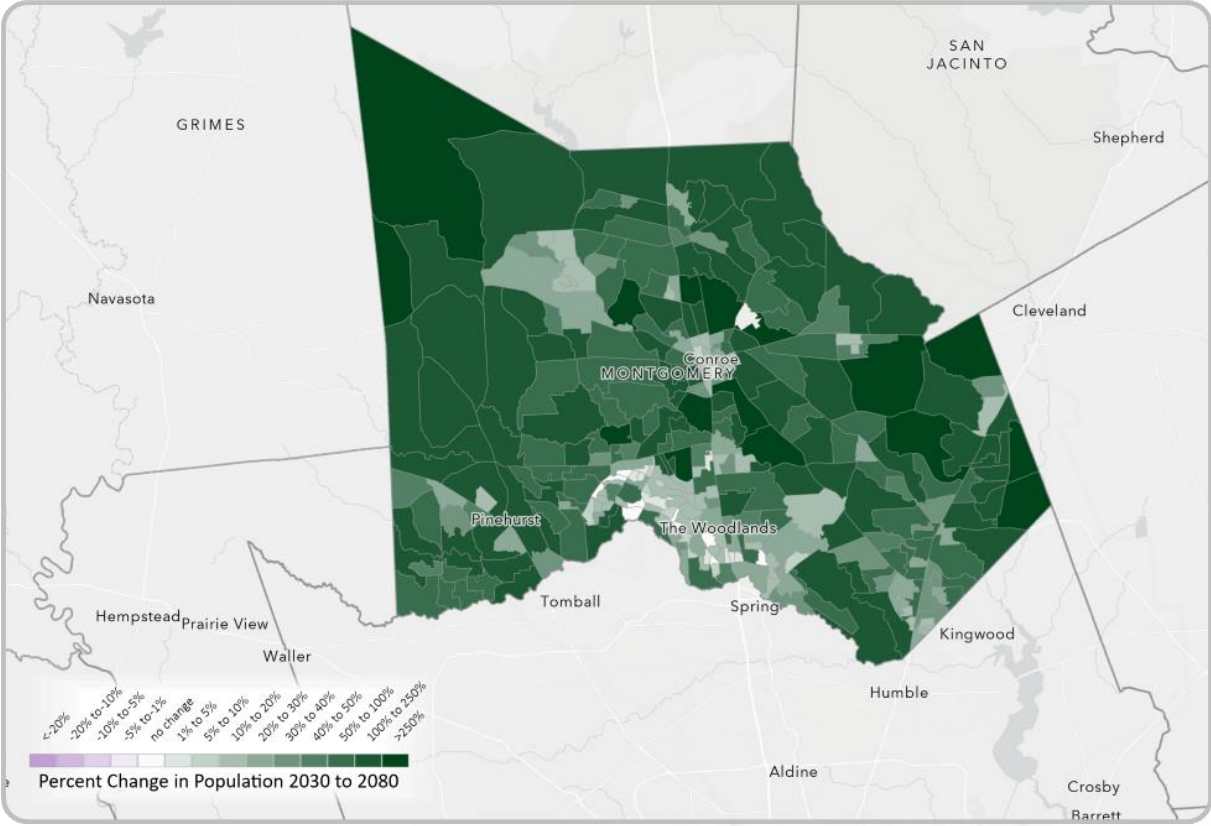
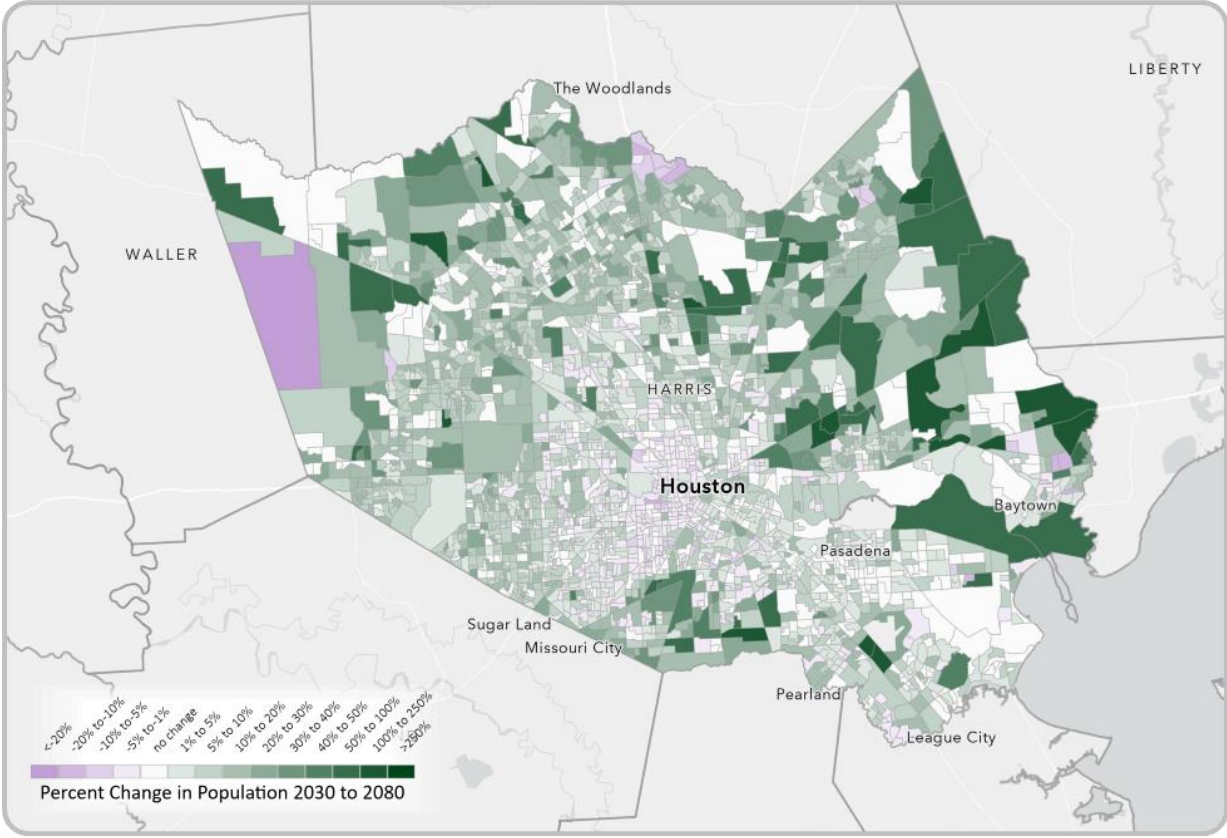




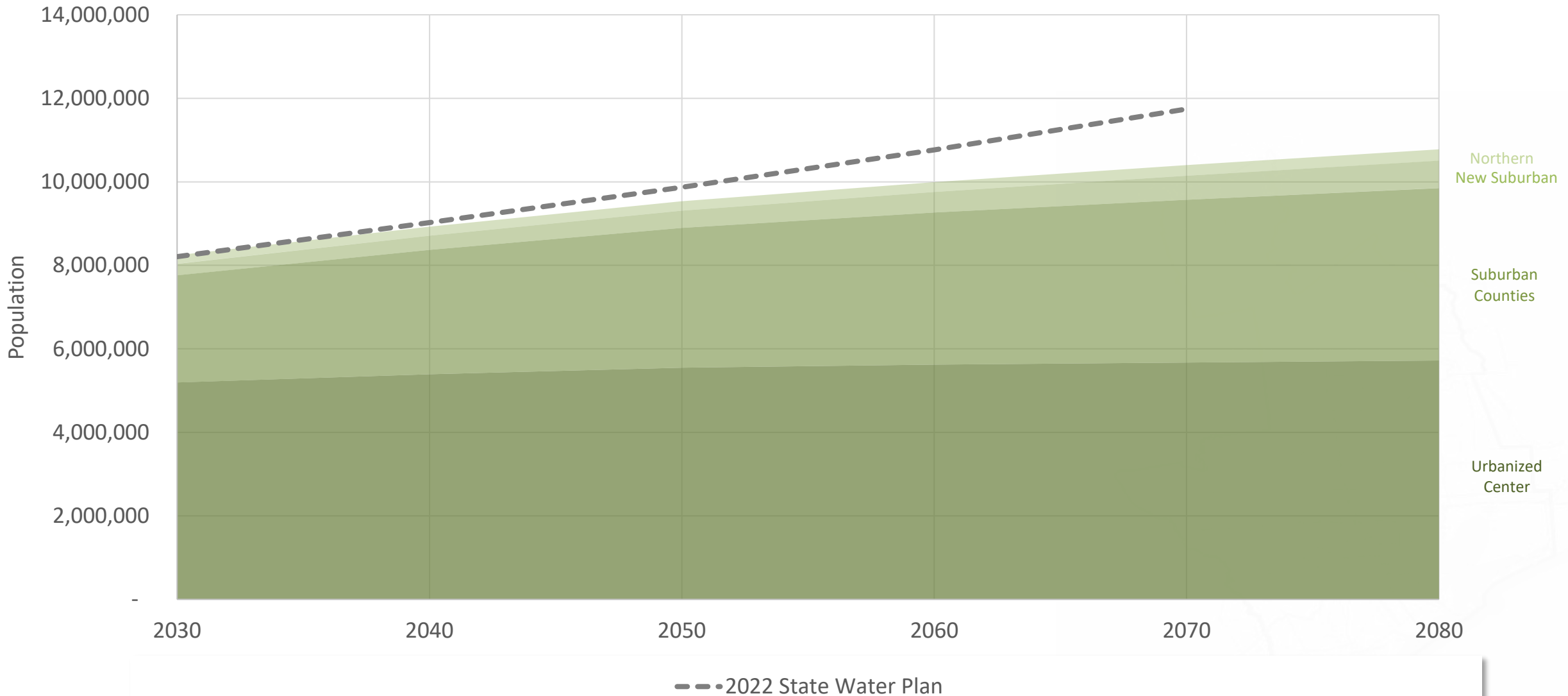
# Advancing the Science



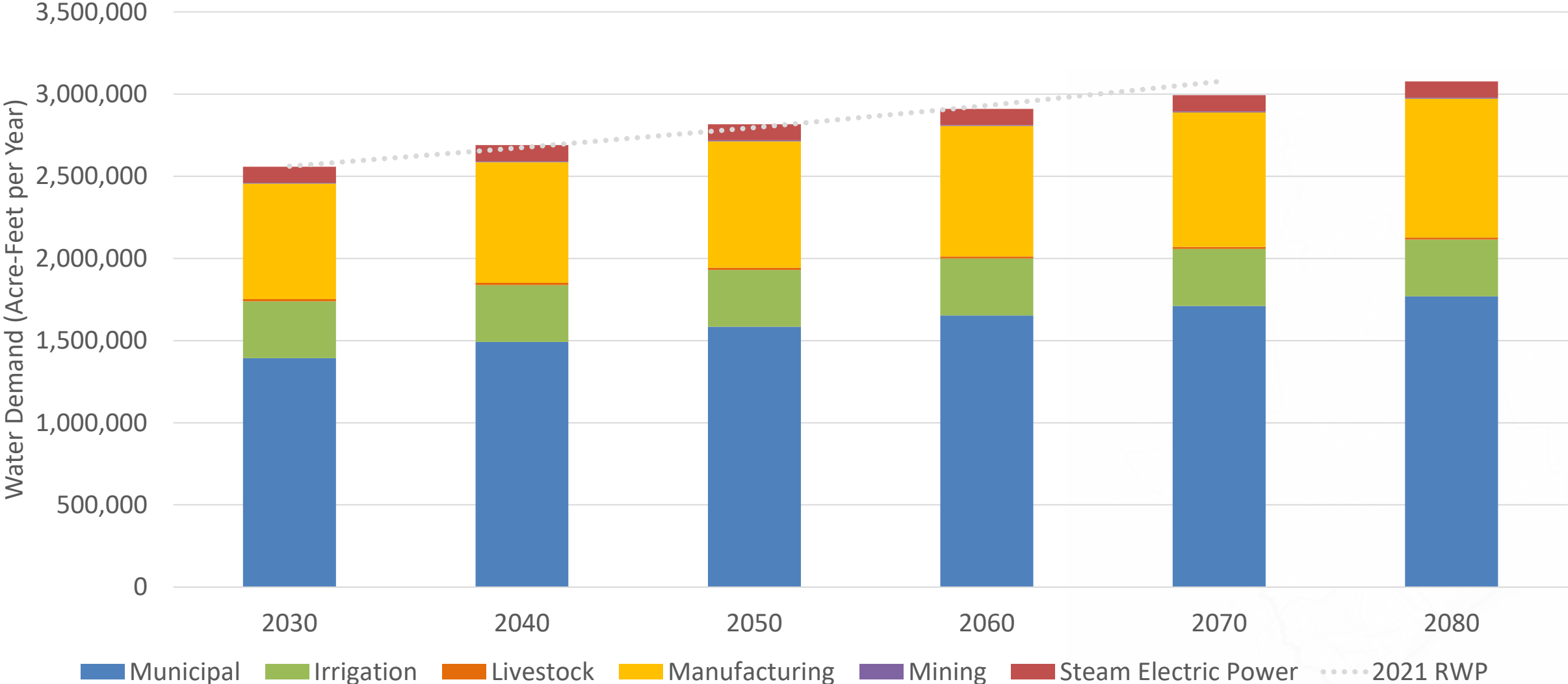
# An Evolving Region



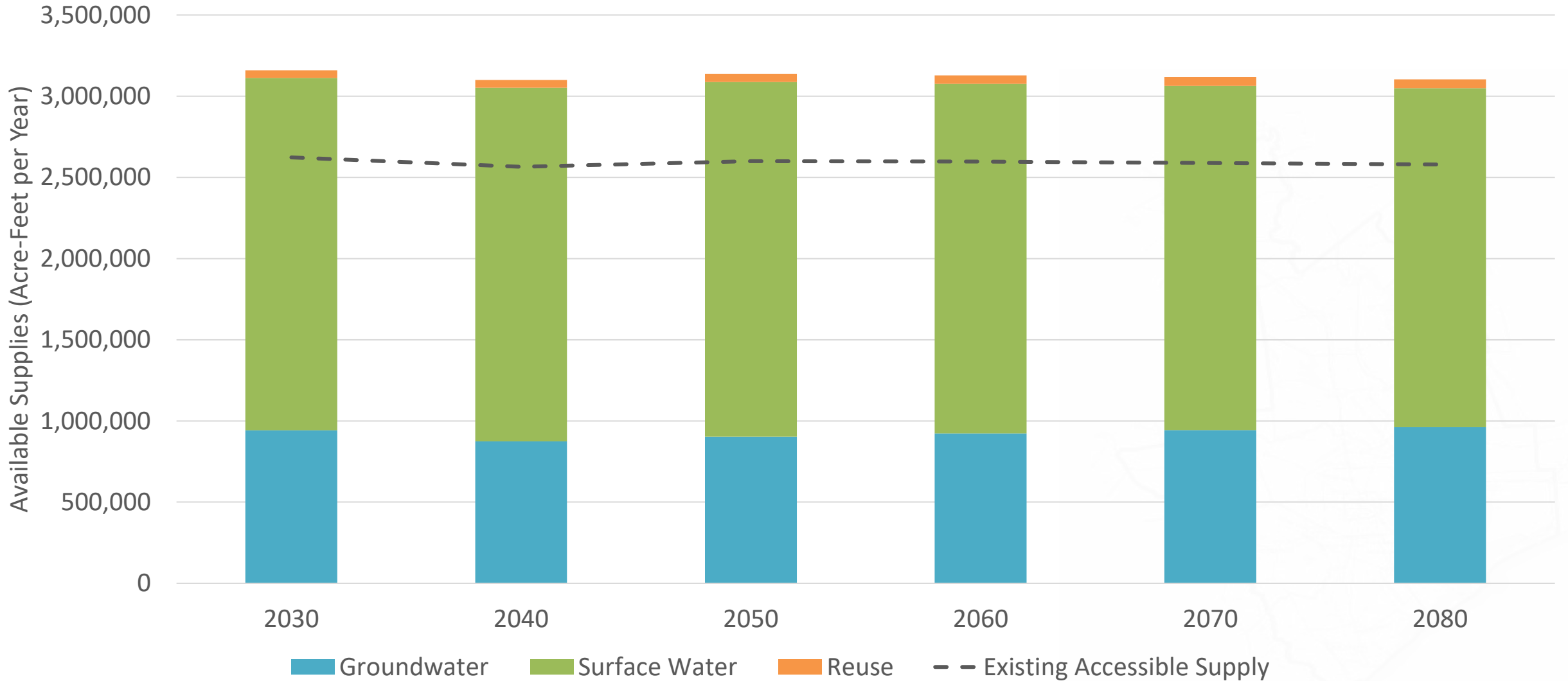
# New Frontiers



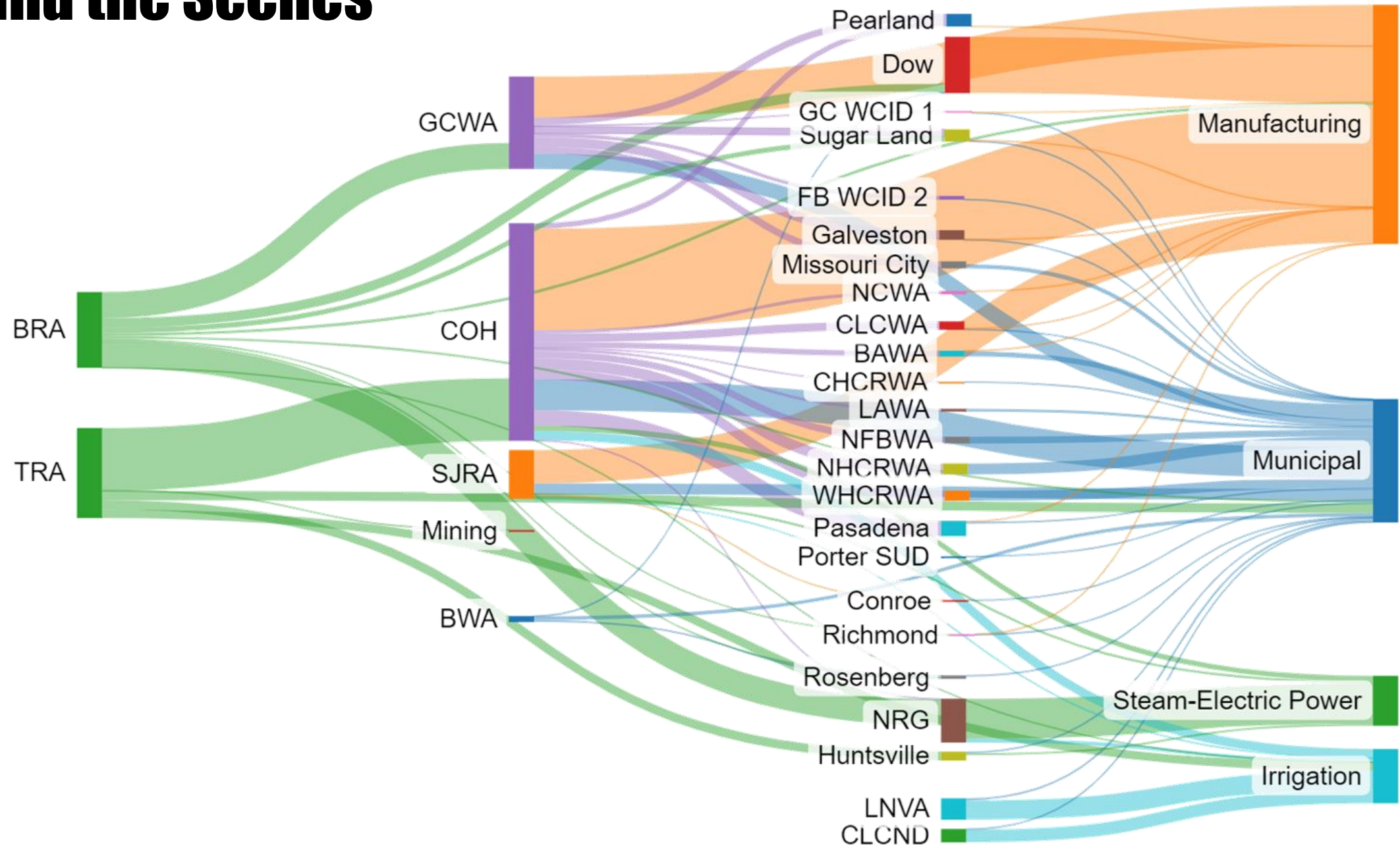
# A Powerful Thirst



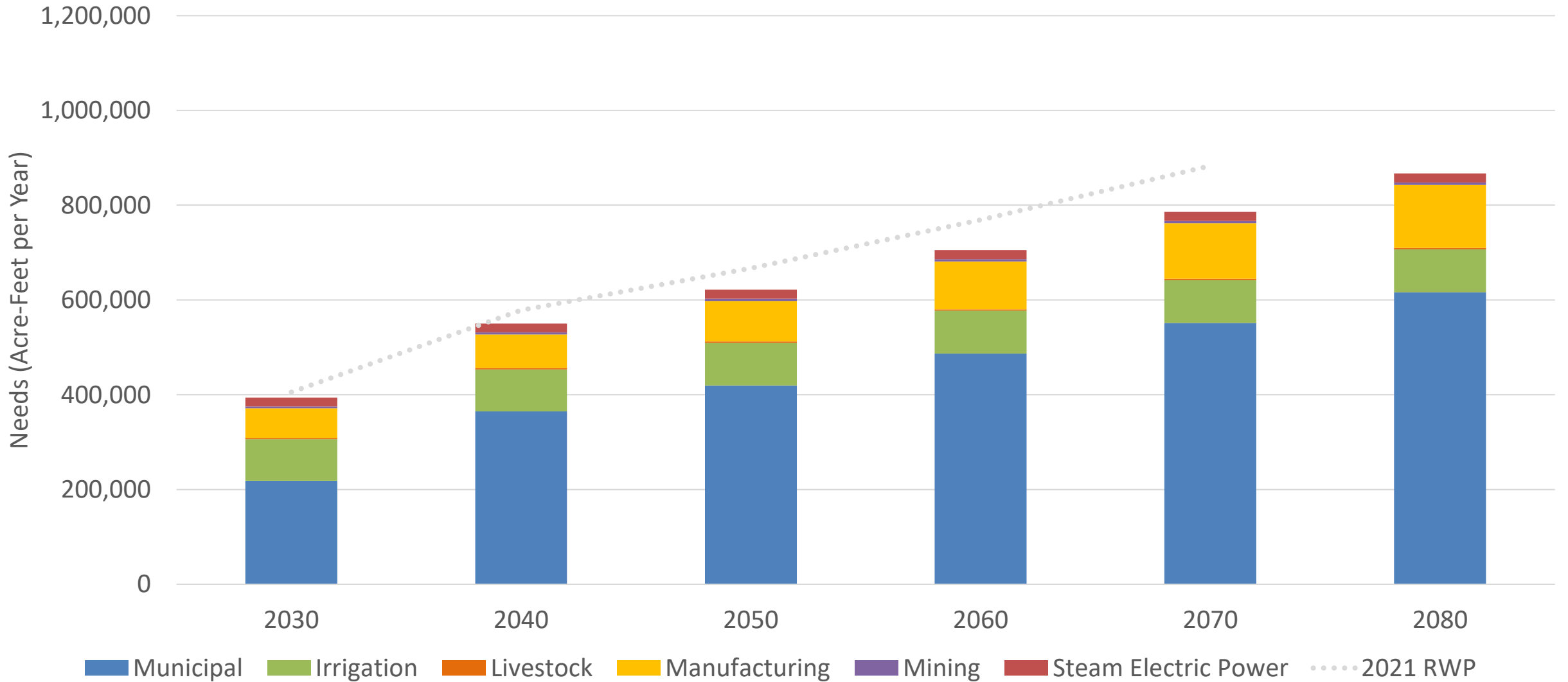
# How We've Made It So Far



# Behind the Scenes

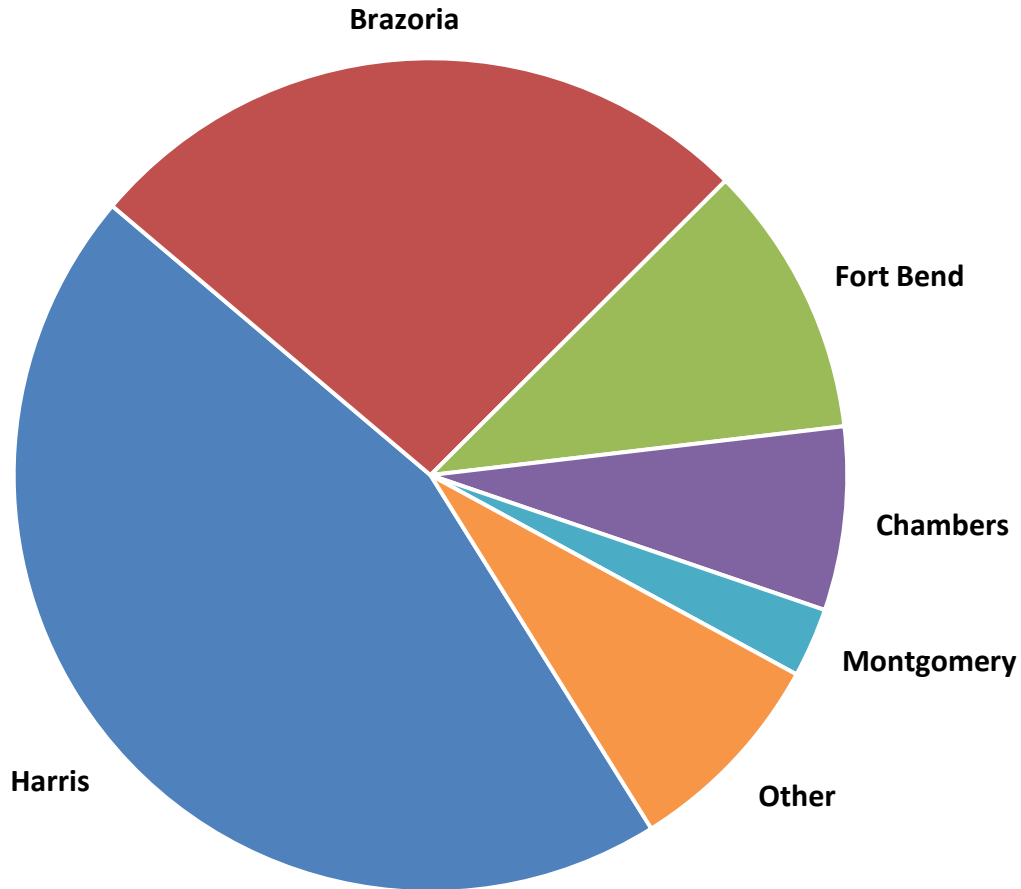


# Needs for the Future – The What

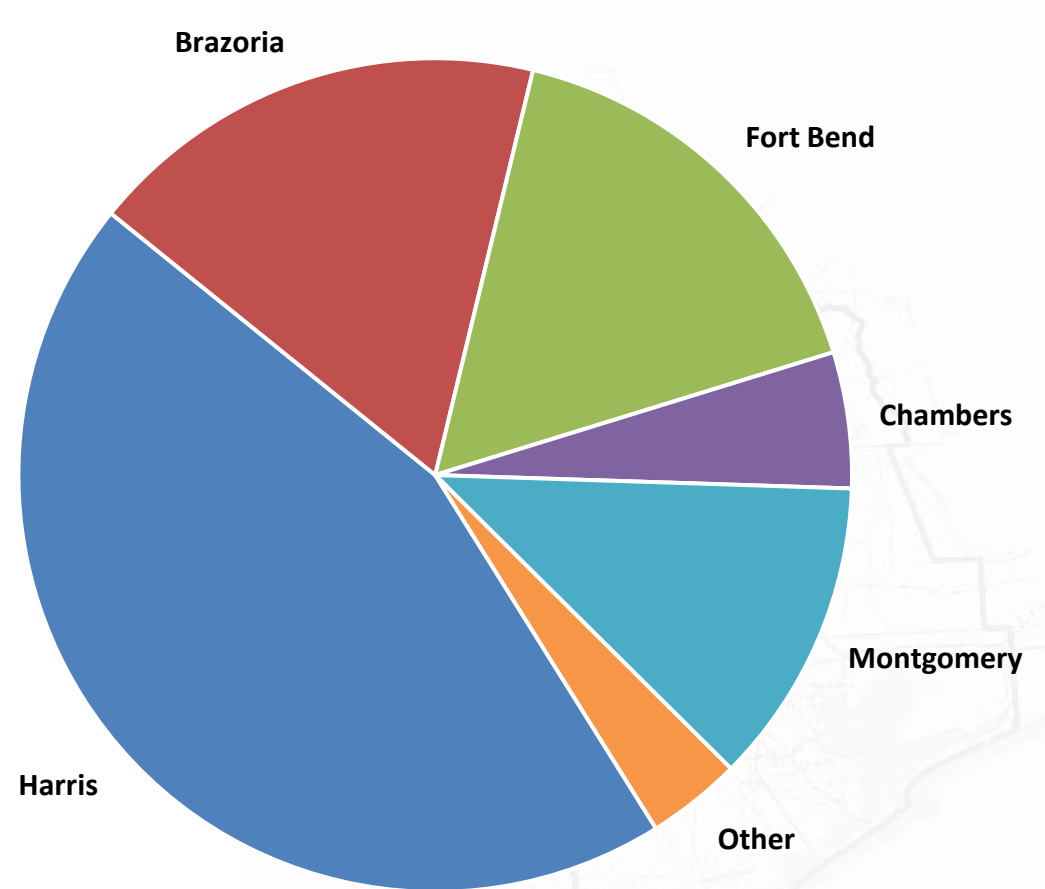


# Needs for the Future – The Where

**2030**



**2080**

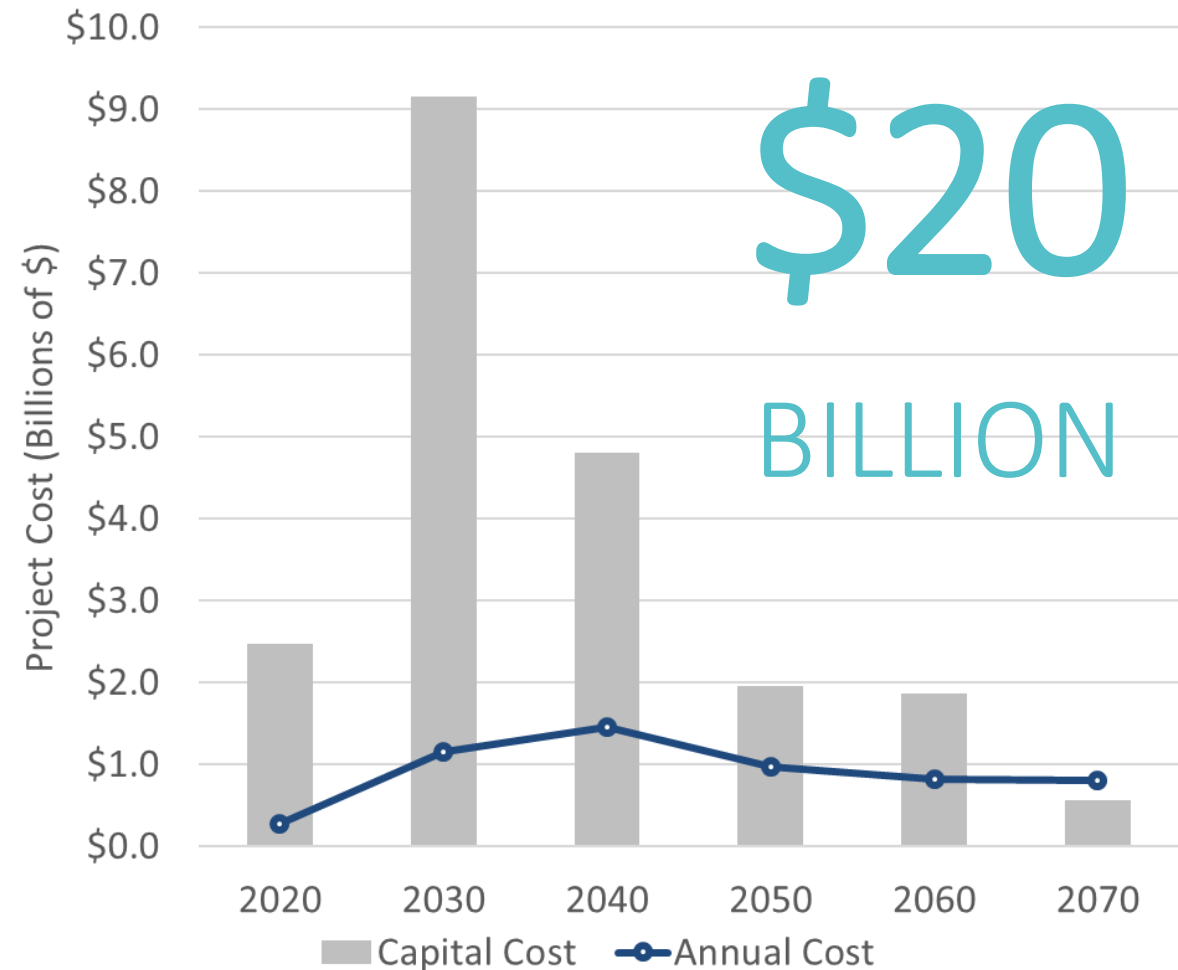




# Strategies for the Future



# Well, Last Time



# General Updates and a Shameless Plug

- Strategy and project analyses
  - Conservation assessed
  - Infrastructure and GRPs ongoing
- Other studies
  - Impacts
  - Funding
  - Policy
- Still time to include new items!
  - Avoid source overlaps
  - Promote dialog among entities

Identify potentially feasible strategies

```
graph TD; A[Identify potentially feasible strategies] --> B[Evaluate for overall characteristics]; B --> C[Assess suitability for each entity with need]; C --> D[Filter and develop recommendations];
```

Evaluate for overall characteristics

Assess suitability for each entity with need

Filter and develop recommendations

# Major Updates and New Strategies



Conservation



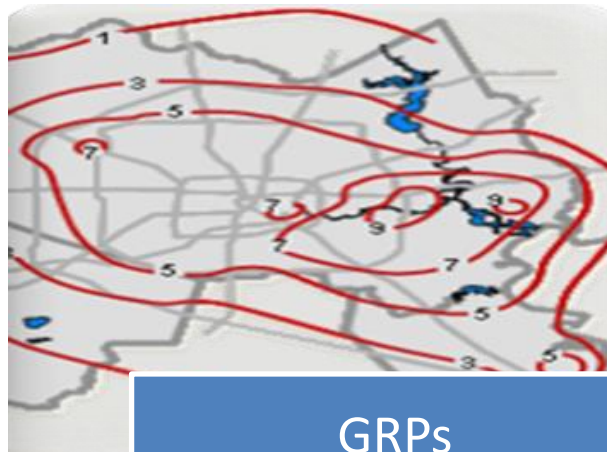
Drought Management



Project Costs



Allens Creek

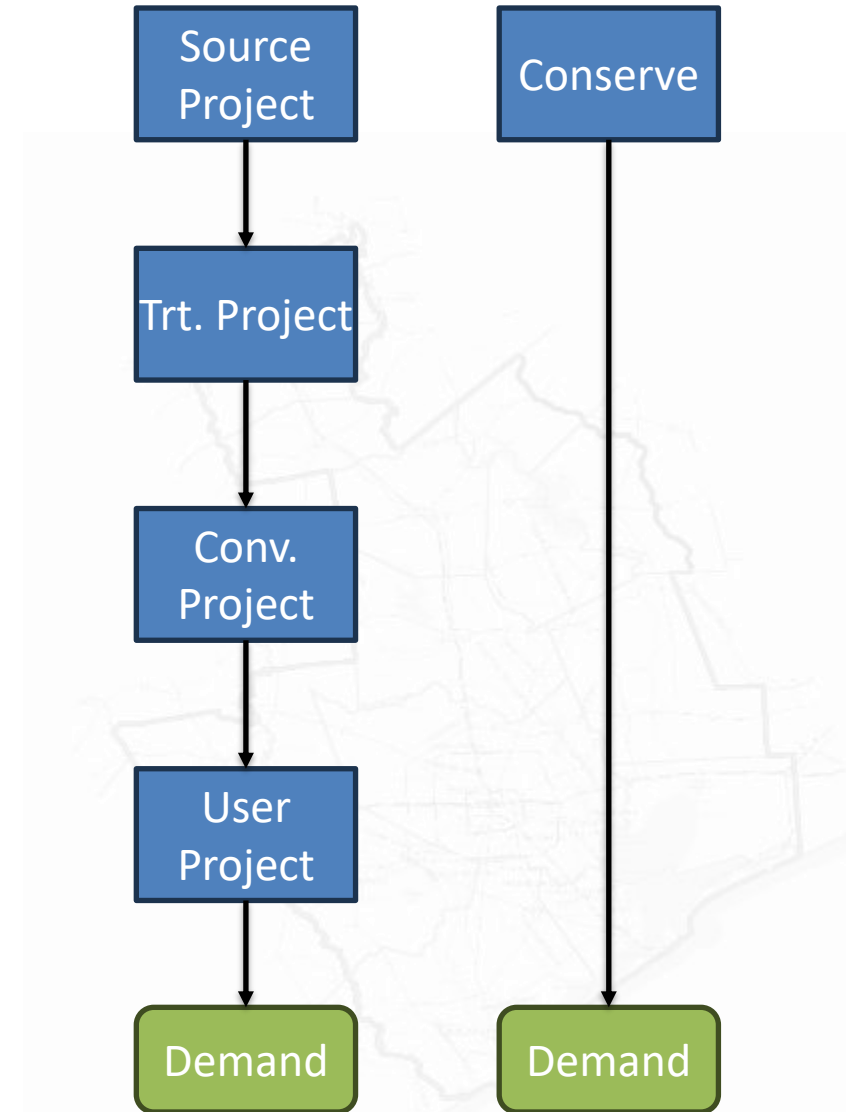
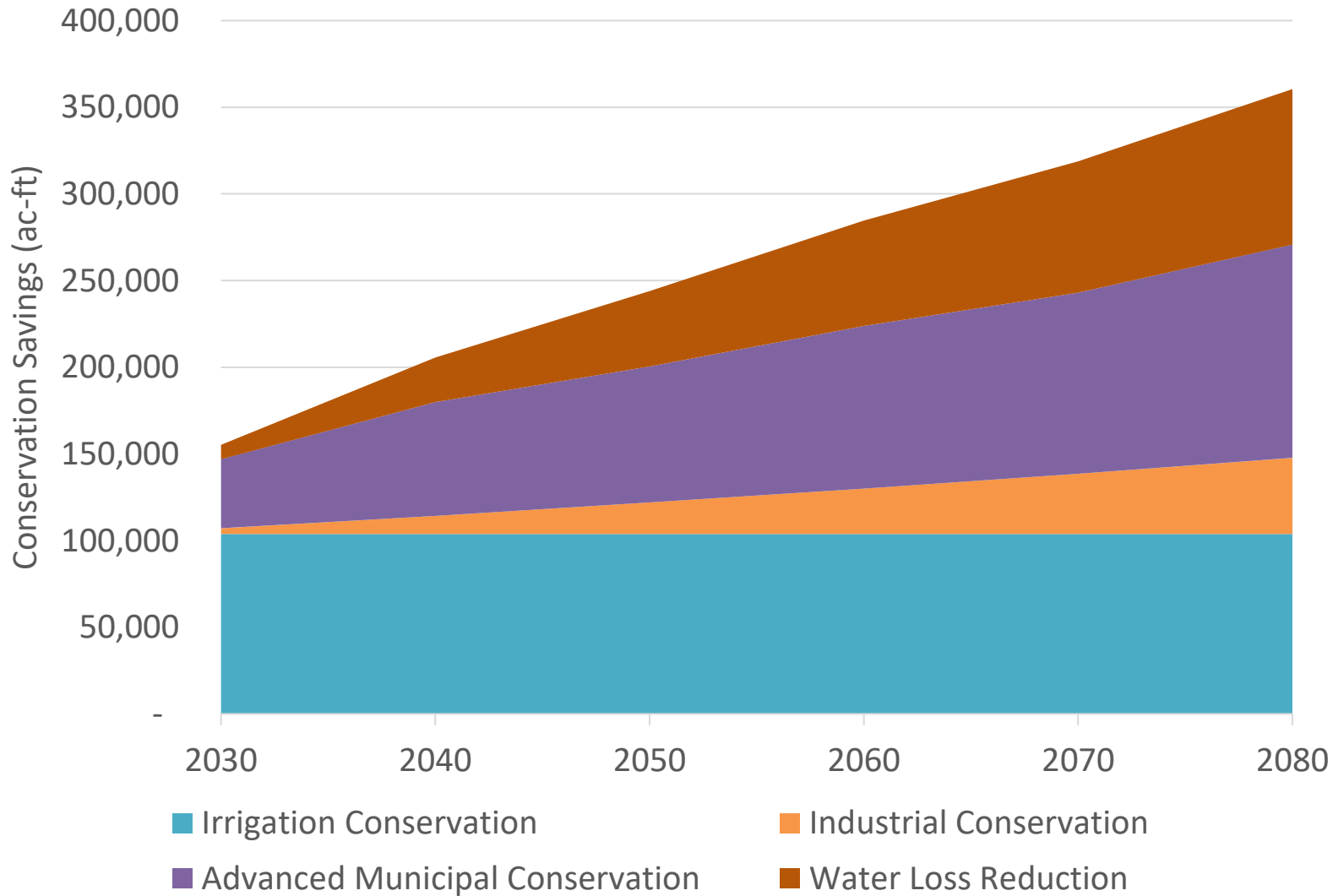


GRPs



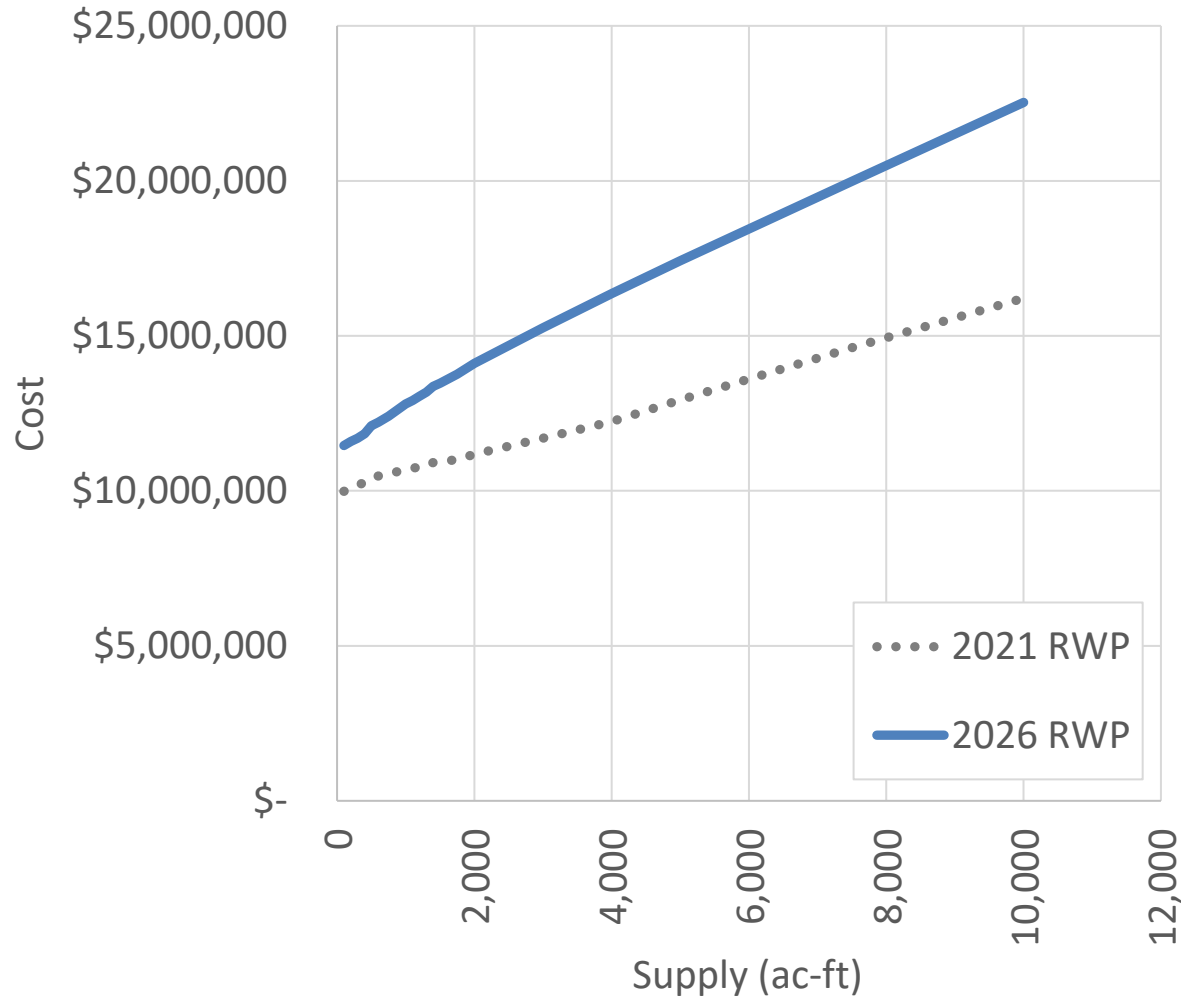
Emerging Technology

# The Water We've Already Got



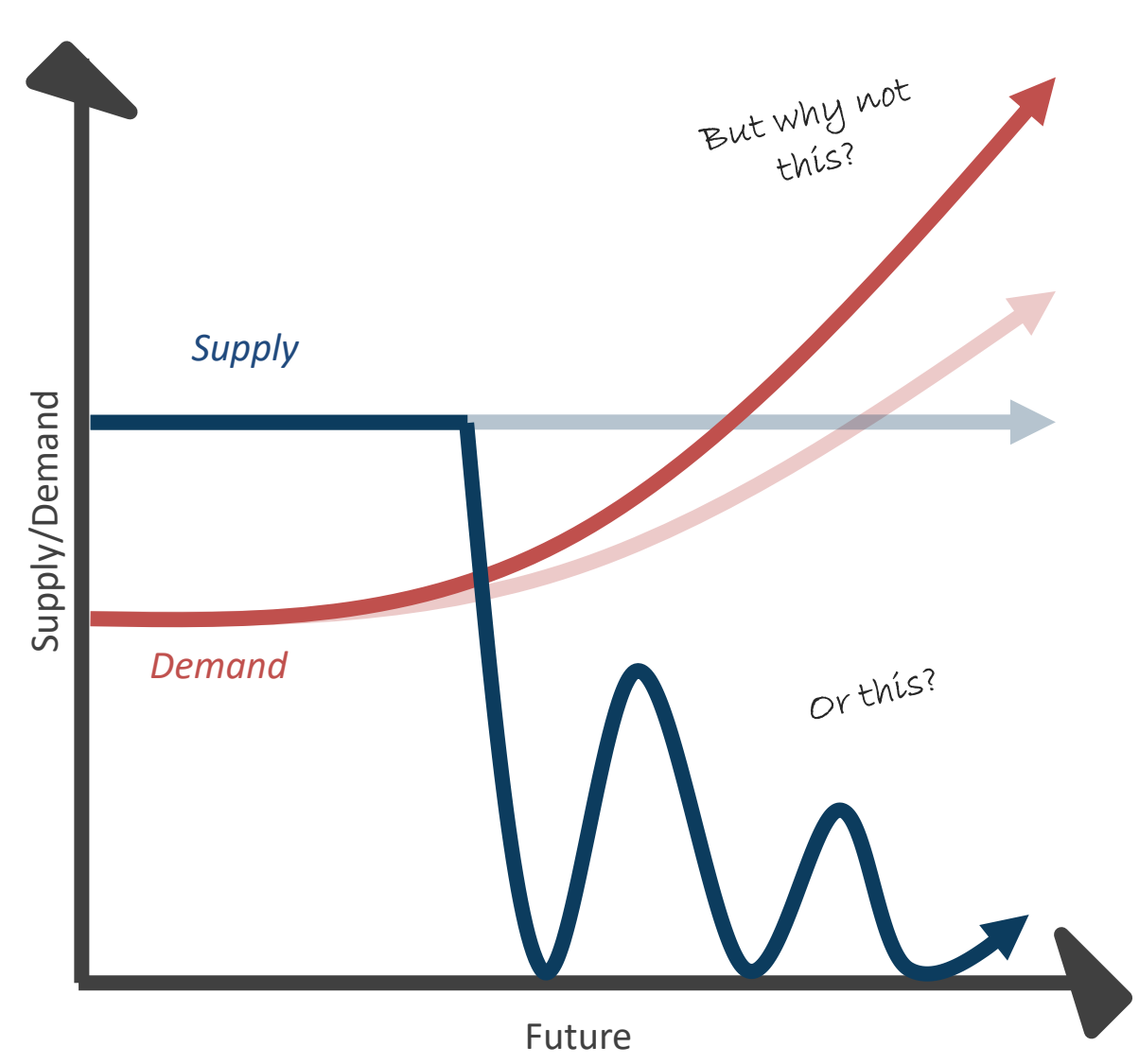
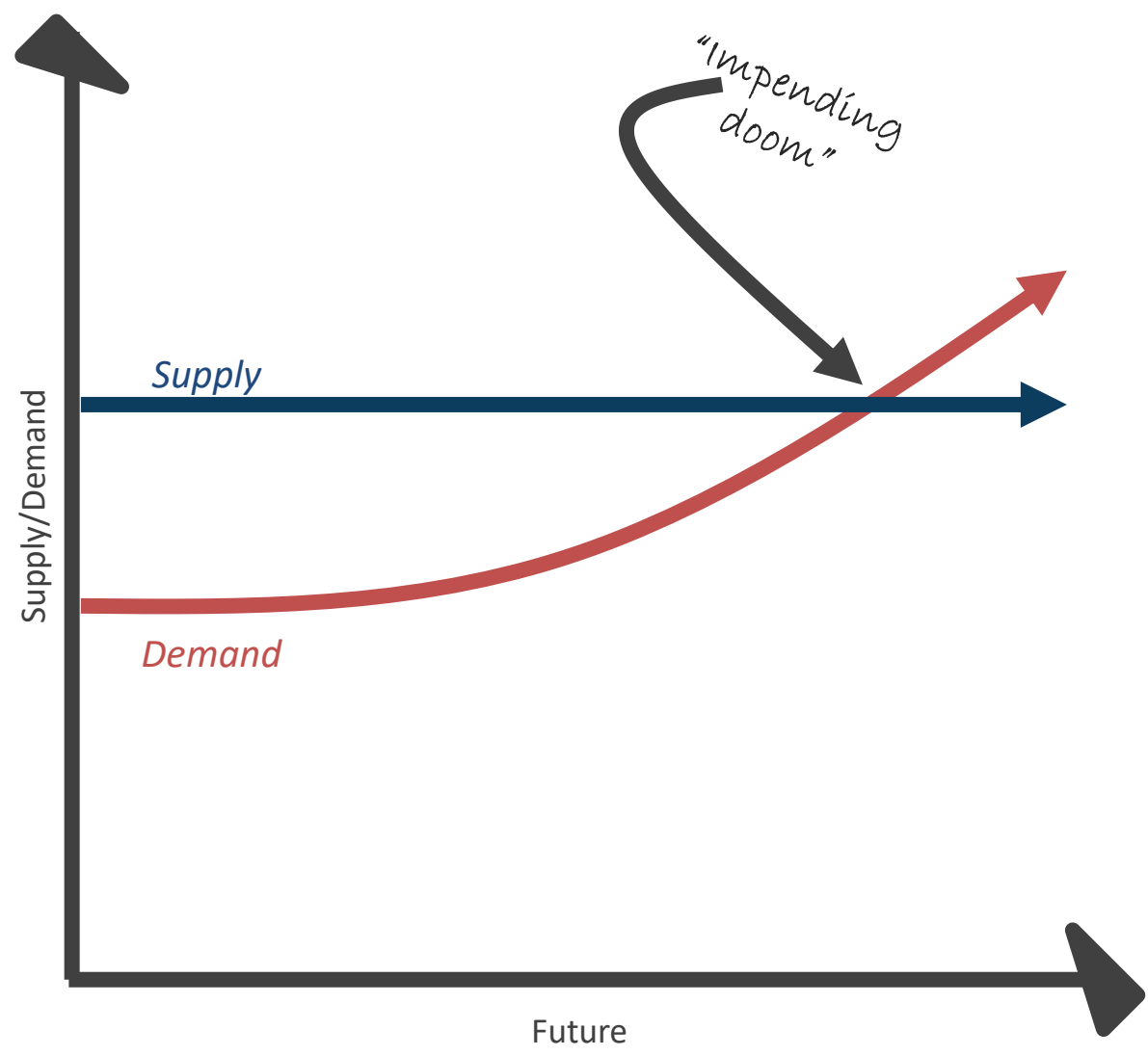
# The Rising Cost of Infrastructure

Generic WUG Tie-In Project



- Multiple drivers of change
  - Inflation
  - Material availability
  - Contractor availability
  - Regulation
  - Project complexity
- Many components outpacing cost indices

# Considering Real-World Challenges: Uncertainty

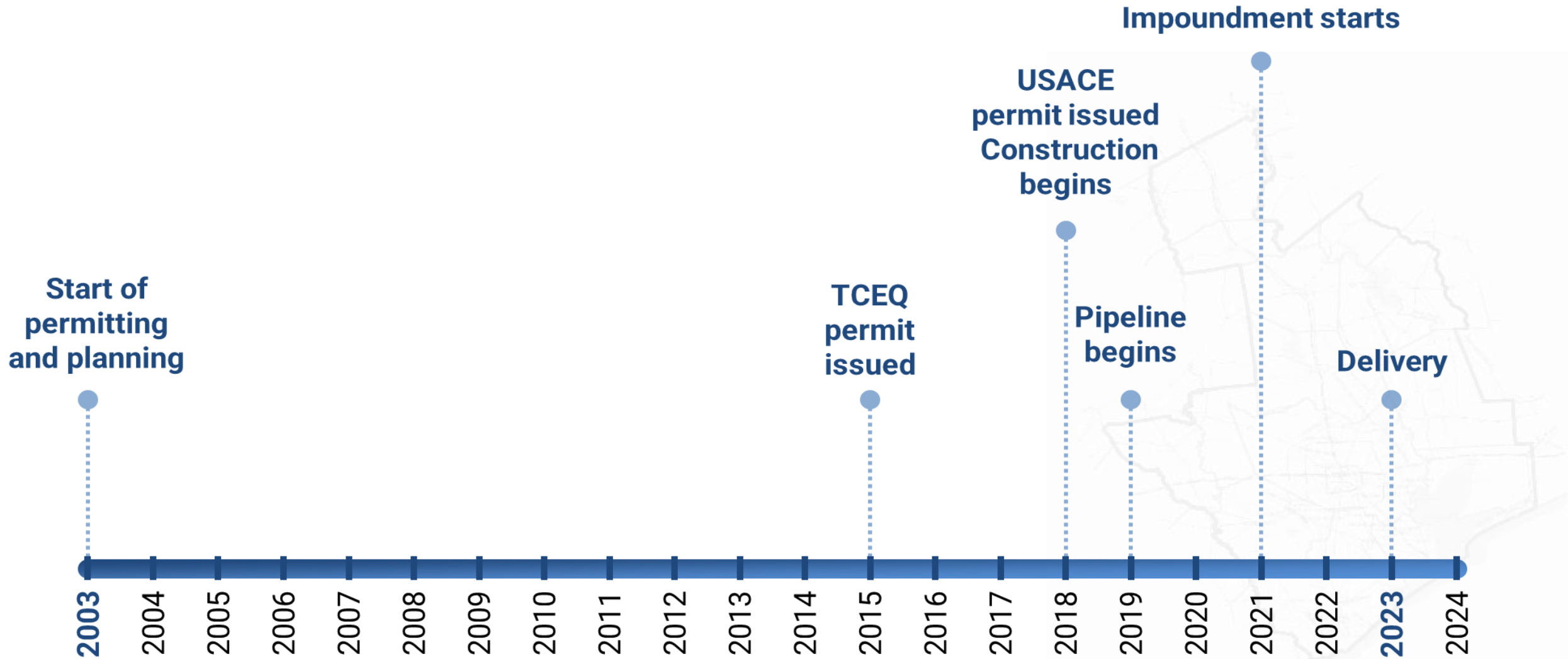


# Considering Real-World Challenges: Customer Buy-In





# Considering Real-World Challenges: Project Lead Times



# Miracles of Modern Technology



# REGION H

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