

January 11, 2024

Uintah Basin Water Summit

Great Salt Lake Basin Integrated Plan

Candice Hasenyager
Division of Water Resources



Become a partner, learn more
gslbasinplan.utah.gov | gslbasinplanning@utah.gov





GREAT SALT LAKE ELEVATION

1986



2000



2022



2023



RECORD HIGH

4211.65 FEET



AVERAGE

4202.2 FEET



RECORD LOW*

4188.5 FEET

*PROVISIONAL



4194.00 FEET



Become a partner, learn more
gsllbasinplan.utah.gov | gsllbasinplanning@utah.gov



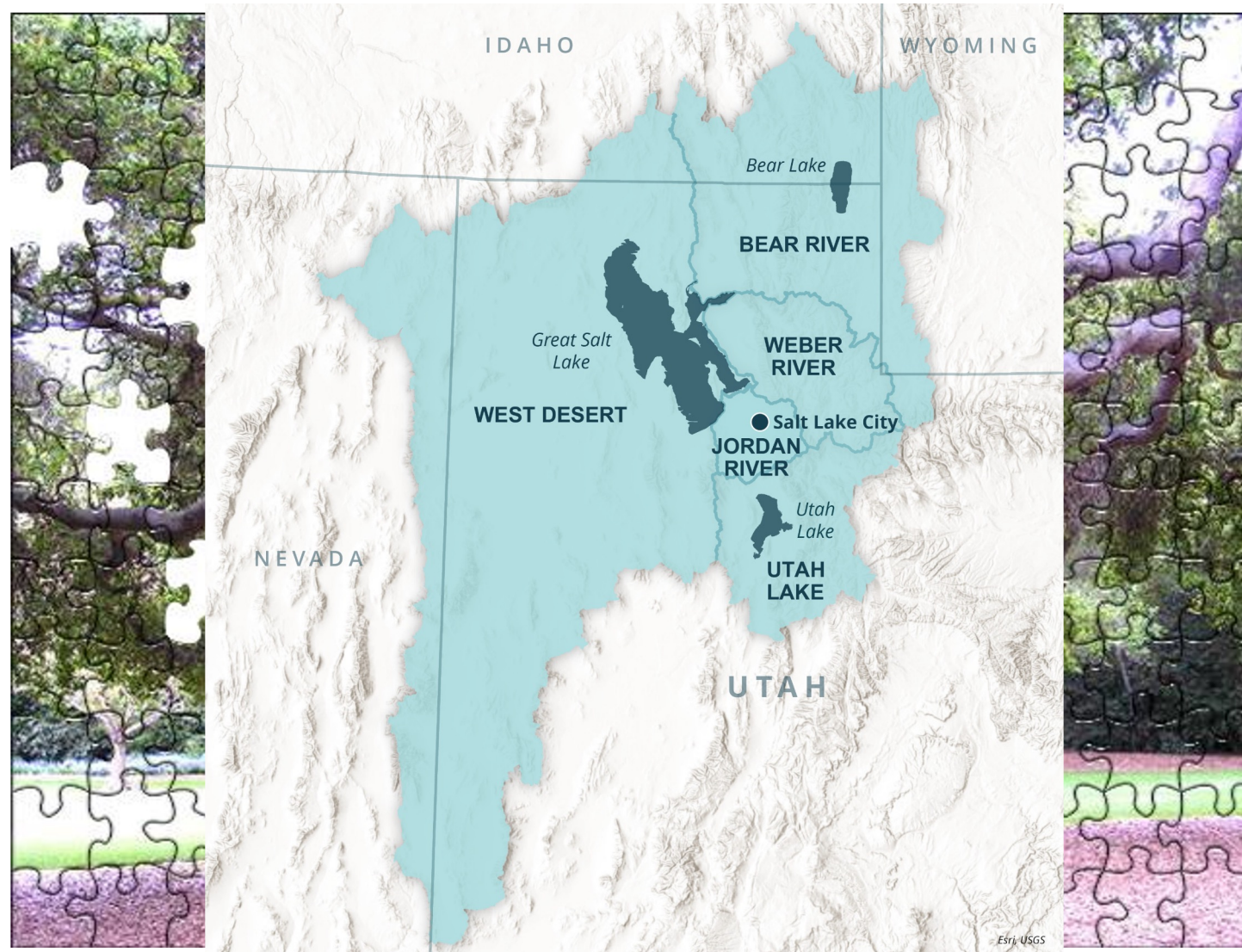
GSL Basin is Complex

- 36,000 mi²
- 4 states
- 18 counties
- 141 cities
- 70 groundwater aquifers
- 184,000 acres wetlands
- 1.5 million acres of farmland
- 693 thousand urban acres
- 1,300 reservoirs
- 150,000 water rights
- 2.8 million humans
- Behaviors
- Attitudes
- Values



Become a partner, learn more
gslbasinplan.utah.gov | gslbasinplanning@utah.gov





Integrating Efforts

HB 429 Great Salt Lake
Watershed Integrated Water Assessment
(\$5M, Finish by Nov 2026)

U.S. Bureau of Reclamation
WaterSmart Basin Study
(\$3.1M Match)



“Identify and evaluate BMPs that may be used to provide a reliable water supply that:

- Meet water quality objectives
- Meet agricultural water objectives
- Accommodate anticipated growth and economic development
- Provide adequate flow to sustain GSL, GSL’s wetlands, and other ecological functions in GSL’s watershed”

-HB429

“Provide a thorough trade-off analysis to help decision-makers balance water supply and demand, and avoid deterioration of agriculture, industry, and ecosystems”

- Reclamation Basin Study



The Challenge

- Ensuring a resilient water supply requires extraordinary vision and collaborative effort. Solutions remain socially and technically complex as demands on this limited resource continue to increase.
- Today's water management decisions shape tomorrow's possibilities.



The Challenge

Social Complexity

- Social challenges
- Awareness challenges
- Fragmentation
- Organizational and institutional challenges
- Legal challenges

Technical Complexity

- Water Supply
- Water management
- Land Management
- Quantification
- Environmental challenges





Our Goal

Ensure a resilient water supply for Great Salt Lake and all water uses, including people and the environment, throughout the watershed.





Objectives

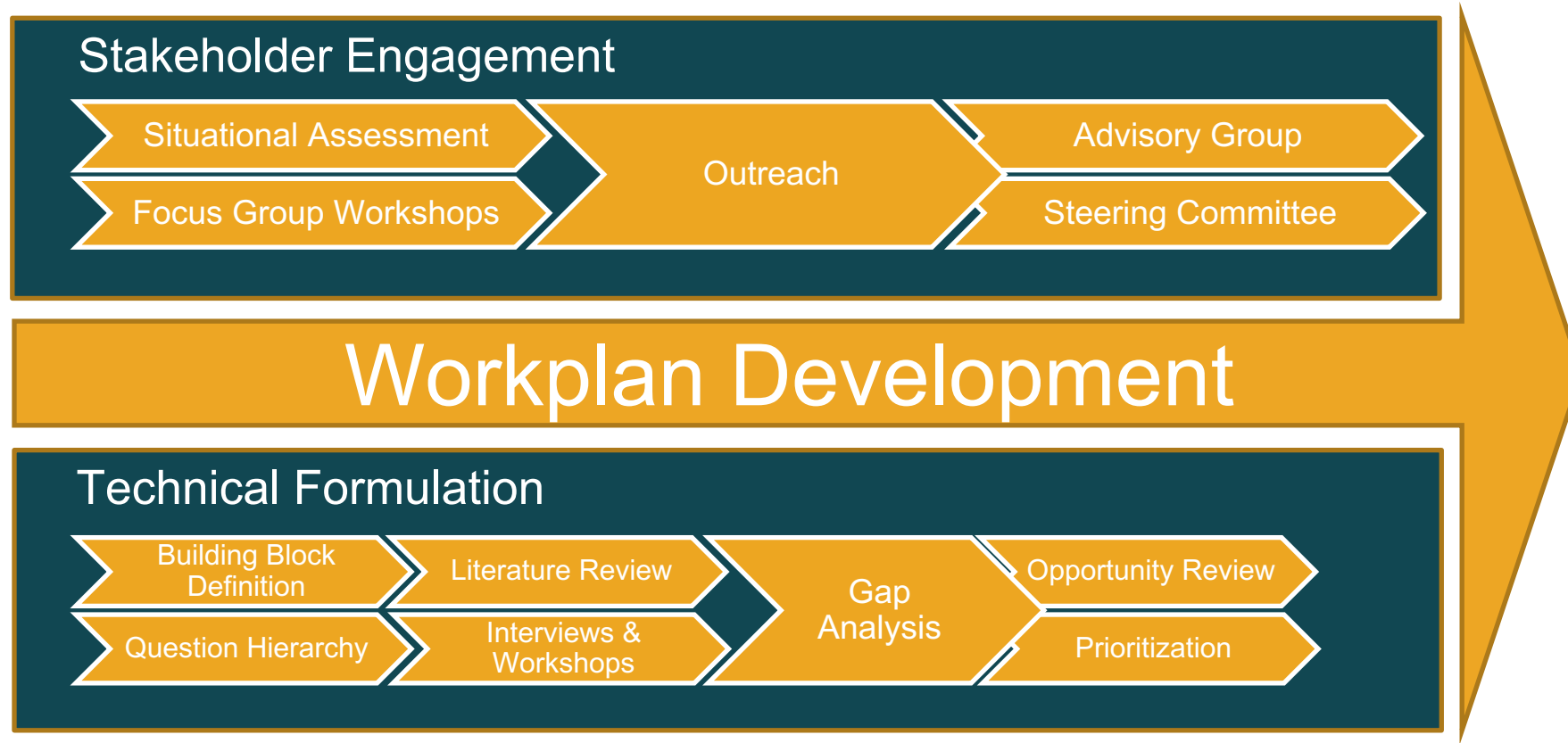
1. Forge connections
2. Develop a shared understanding
3. Quantify water resources
4. Evaluate options
5. Recommend actions



An Integrated Approach to Work Plan Development



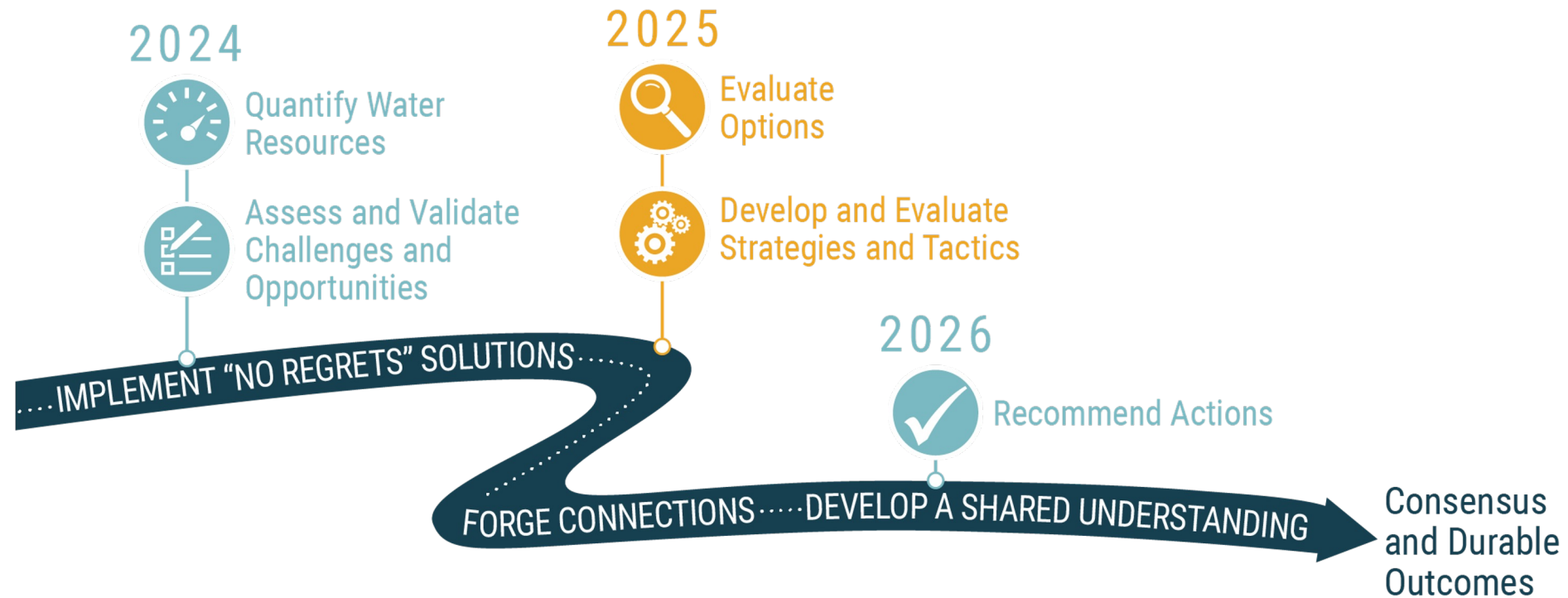
Work Plan Development



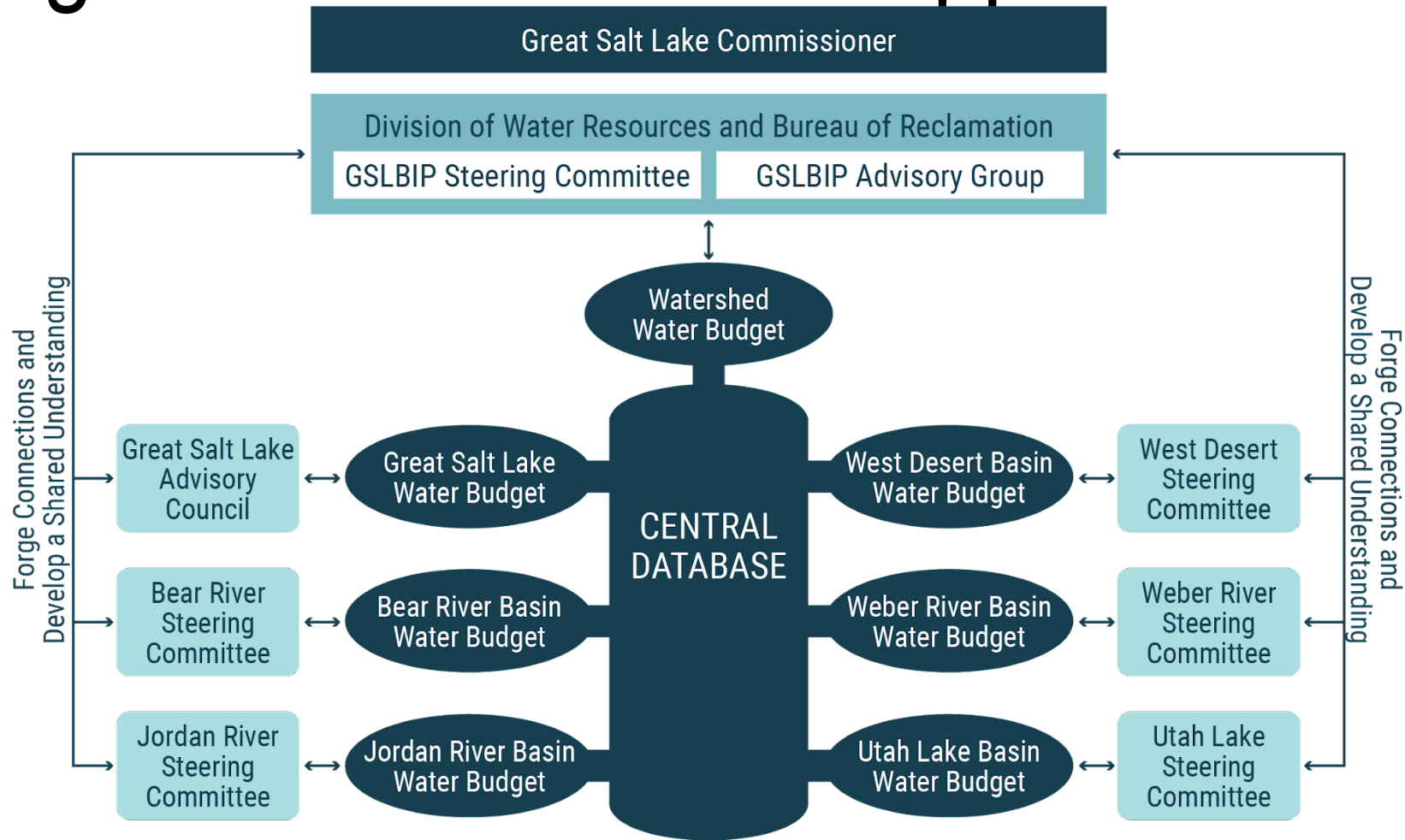
The Work Plan for the GSLBIP



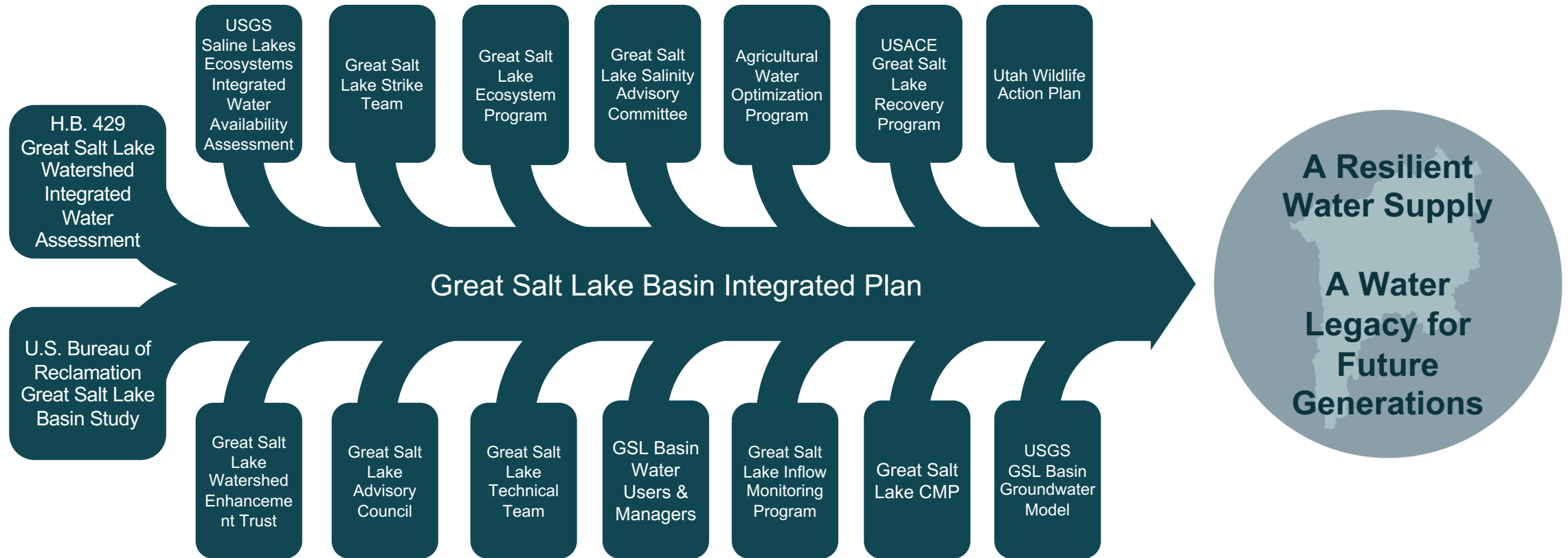
An Integrated Approach

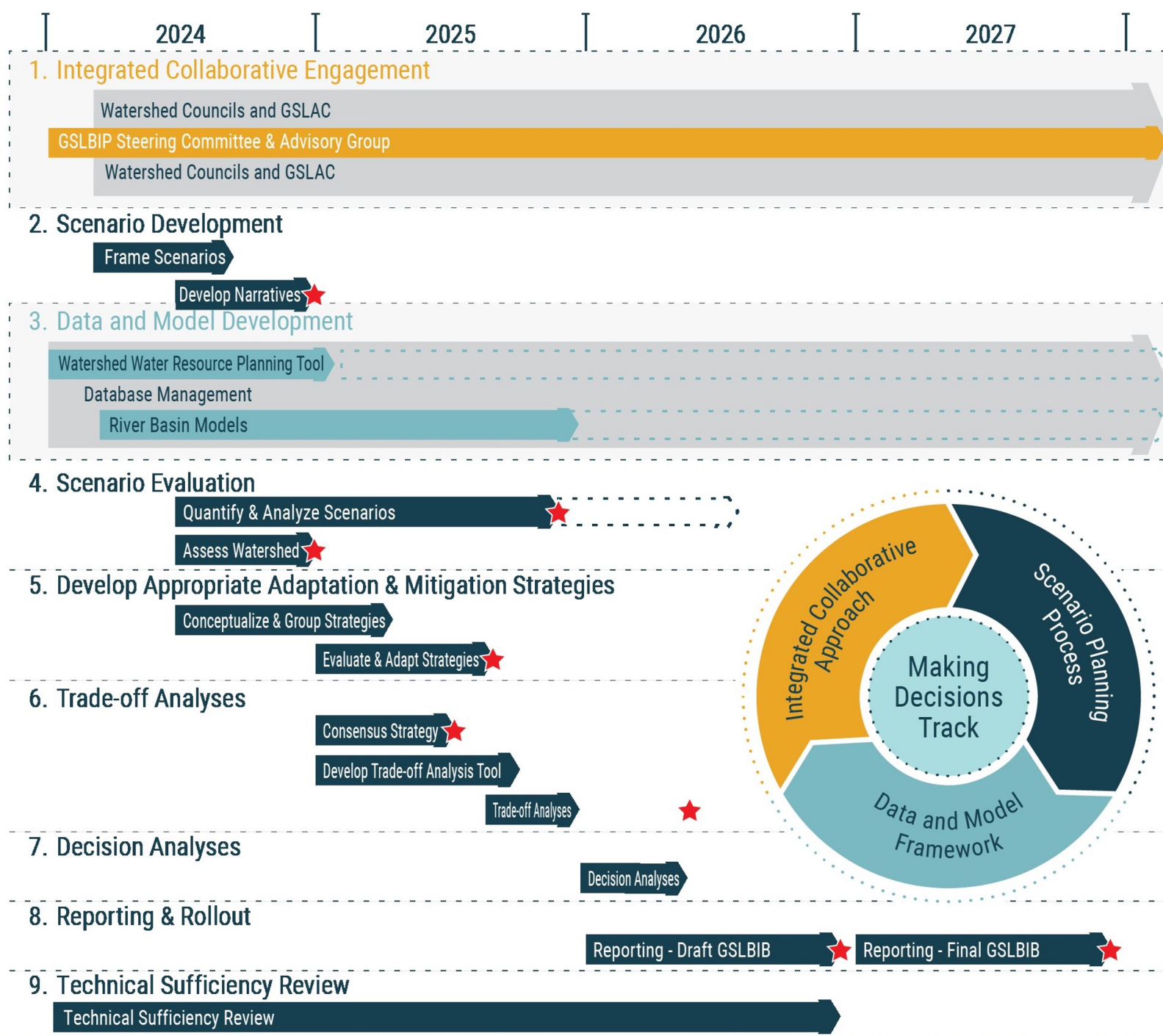


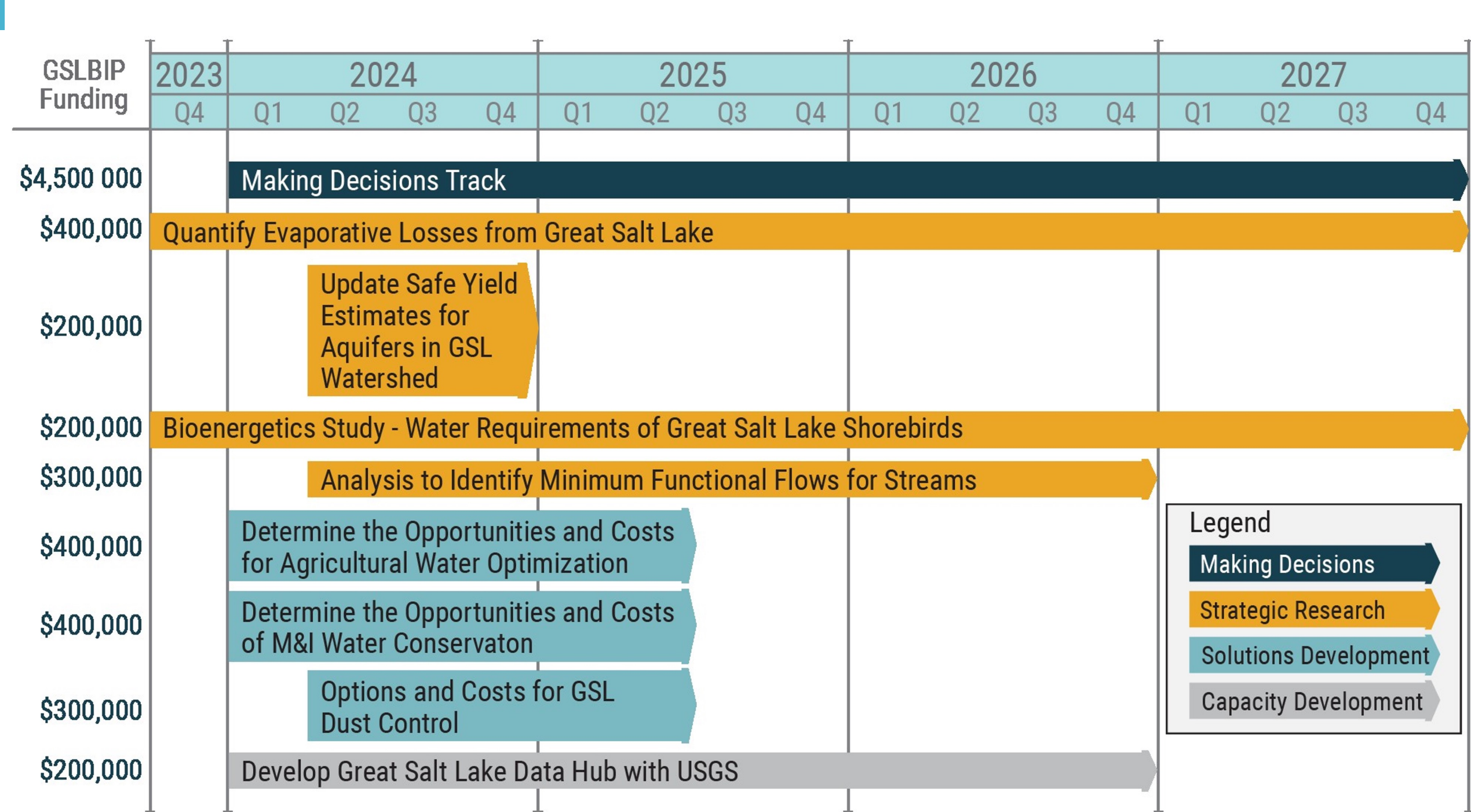
An Integrated Collaborative Approach



Integrating Partners and Activities





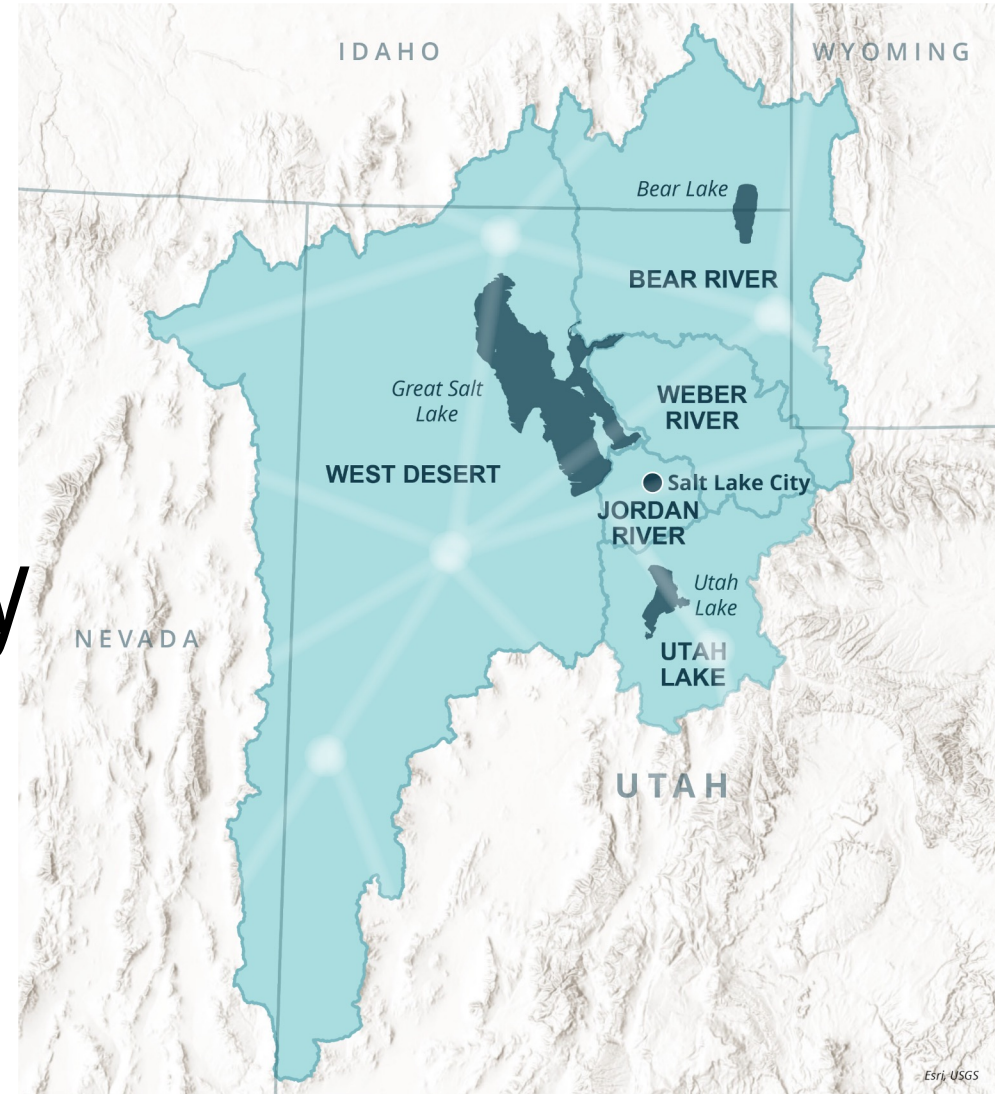


Work Plan Rollout

- Mid-November release
- November 15 presentation to the legislature
- December 7 open house
- 45 + day review period
- Comment period ended January 8
- BIP work begins January 2024



Integrating a Watershed: Thinking One Water Acting as One Community



Become a partner, learn more
GSLBasinPlan.utah.gov | GSLBasinPlanning@utah.gov





THANK YOU



Become a partner, learn more
gslbasinplan.utah.gov | gslbasinplanning@utah.gov

