

# 2025 OCWP

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## Environmental Federation of Oklahoma 32<sup>nd</sup> Annual Meeting

Tulsa

October 10, 2023



OKLAHOMA  
Water Resources Board



US Army  
Corps of Engineers



# What is the Oklahoma Comprehensive Water Plan?

# OCWP Planning Regions and Basins



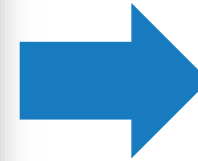
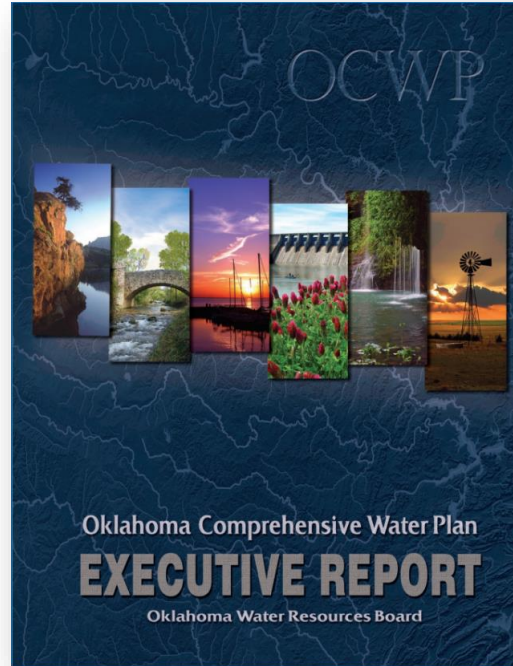
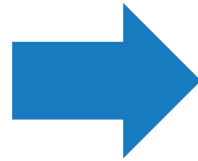
- Watershed-based Planning
  - 82 Basins
  - 13 Regions
- 5-year process with numerous stakeholders and technical partners
- Projections of supply/demand gaps are the foundation of the OCWP

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# Stakeholder input guided 2012 OCWP Recommendations

Policy Recommendations

Stakeholder input and technical studies



Implementation Actions and Results

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# Actions and Results: Legislation and Collaborative Studies

**Water for 2060 Act**  
and committee  
recommendations

**Water infrastructure  
financing under  
State Question 764**

**Continued GPT  
funding** for OCWP  
implementation

**Support to complete  
groundwater studies,  
monitoring, phased  
implementation for  
MAY & well spacing**

Water Bank  
Development Strategy

Water Settlement  
Planning and Blue  
River ISF Economic  
Study

Upper Red and Upper  
Washita Studies

Illinois River  
Phosphorus WQ  
Standards Rulemaking

Soil Health Economic  
Value Study  
Master Irrigators  
Program

Produced Water  
Chemical  
Characterization

GRDA Grand River  
Water Study and  
Operations Analyses

**HB3405 Use of  
Brackish or Marginal  
Groundwater**

**SB1219 Aquifer  
Storage Framework**

SB1043 Water Reuse  
Framework

SB1294 Gradual  
Implementation of  
Groundwater Limits

HB2263 Irrigation  
District Act

SB1875 Oil and Gas  
Produced Water  
Recycling Act

State Flood Plan



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## Focus Areas for OCWP 2025



**Identify** basins with projected water challenges or opportunities



Identify and **recommend** water management strategies



Identify **infrastructure investment needs** & financial solutions



**Advance** 2012 OCWP Policy Recommendations



Integrate Oklahoma's first statewide **Flood Plan**



Conduct **focused engagement** throughout the process

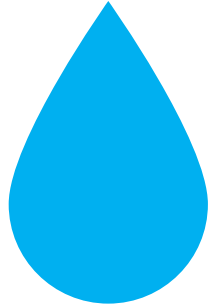
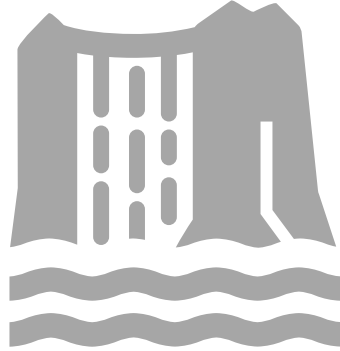

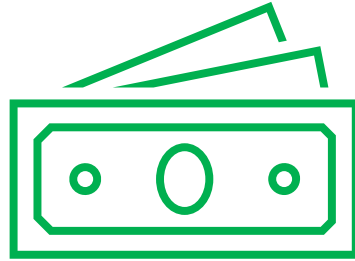
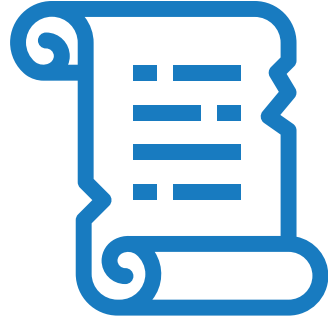


Provide **greater access** to OCWP deliverables

# Importance of the OCWP to water users and water managers

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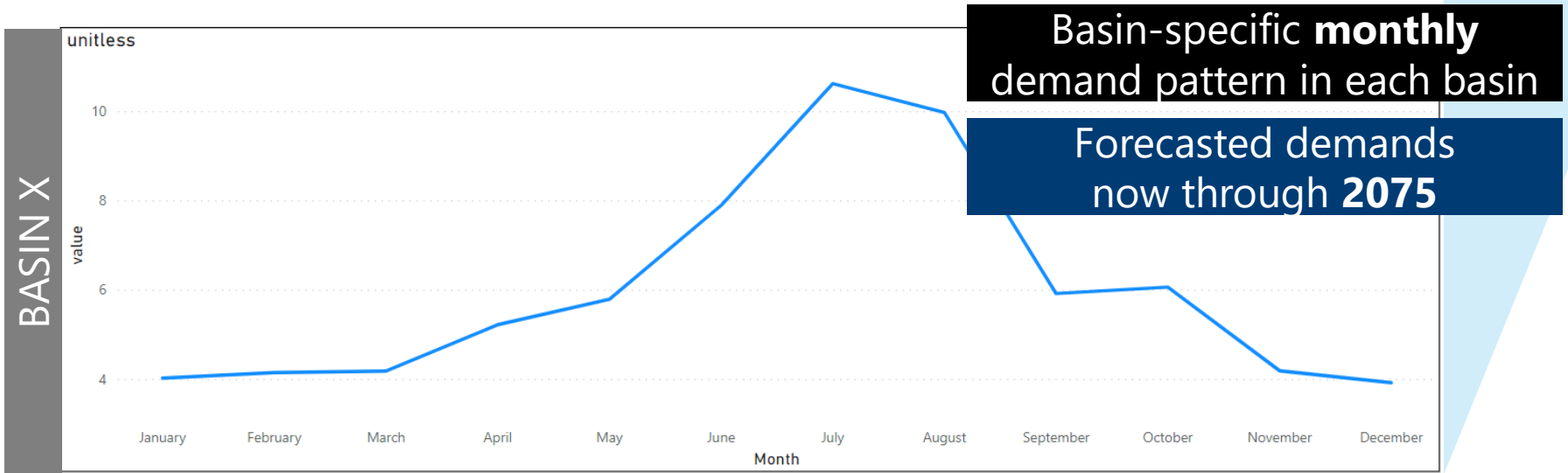
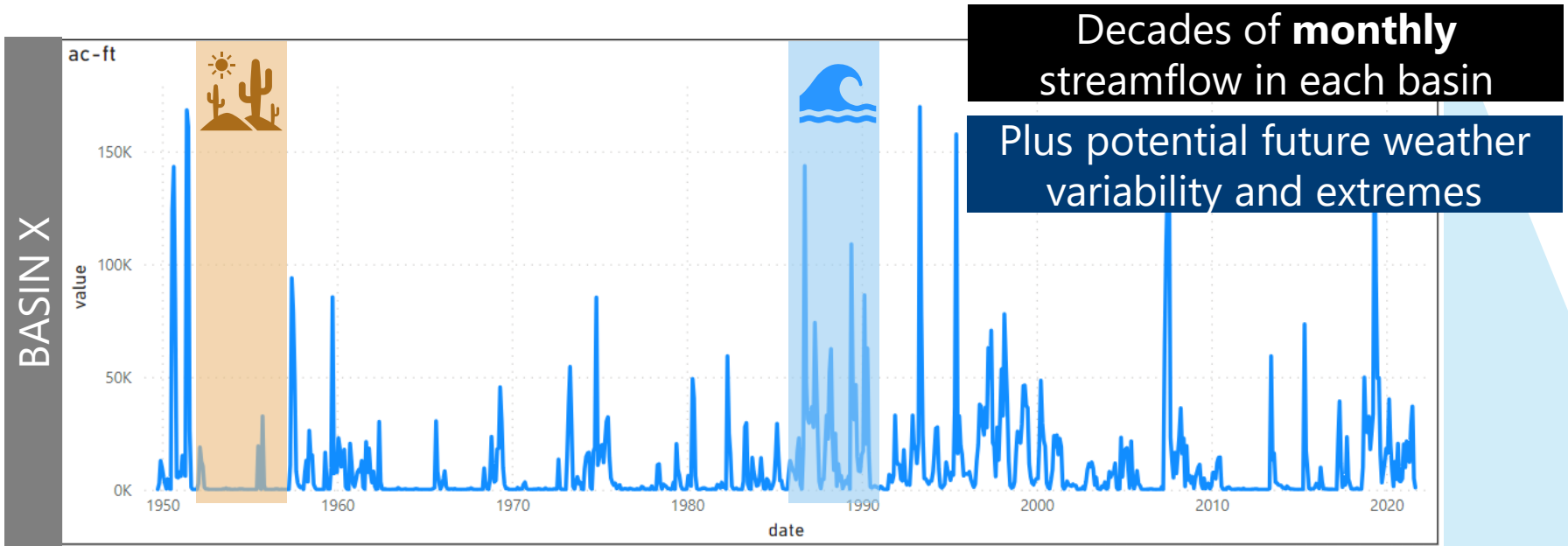
# Advance warning of future water supply and water quality challenges, and an opportunity to shape water policy

				
Forecast of water supply shortages now through 2075	Strategies to head off those shortages	Current and future water quality challenges	Focus on infrastructure needs and financial support	Guide water legislation and policy





# Preliminary Results - Supply vs. Demand



**FUTURE SURFACE WATER SHORTAGES**

**Where:** By Basin

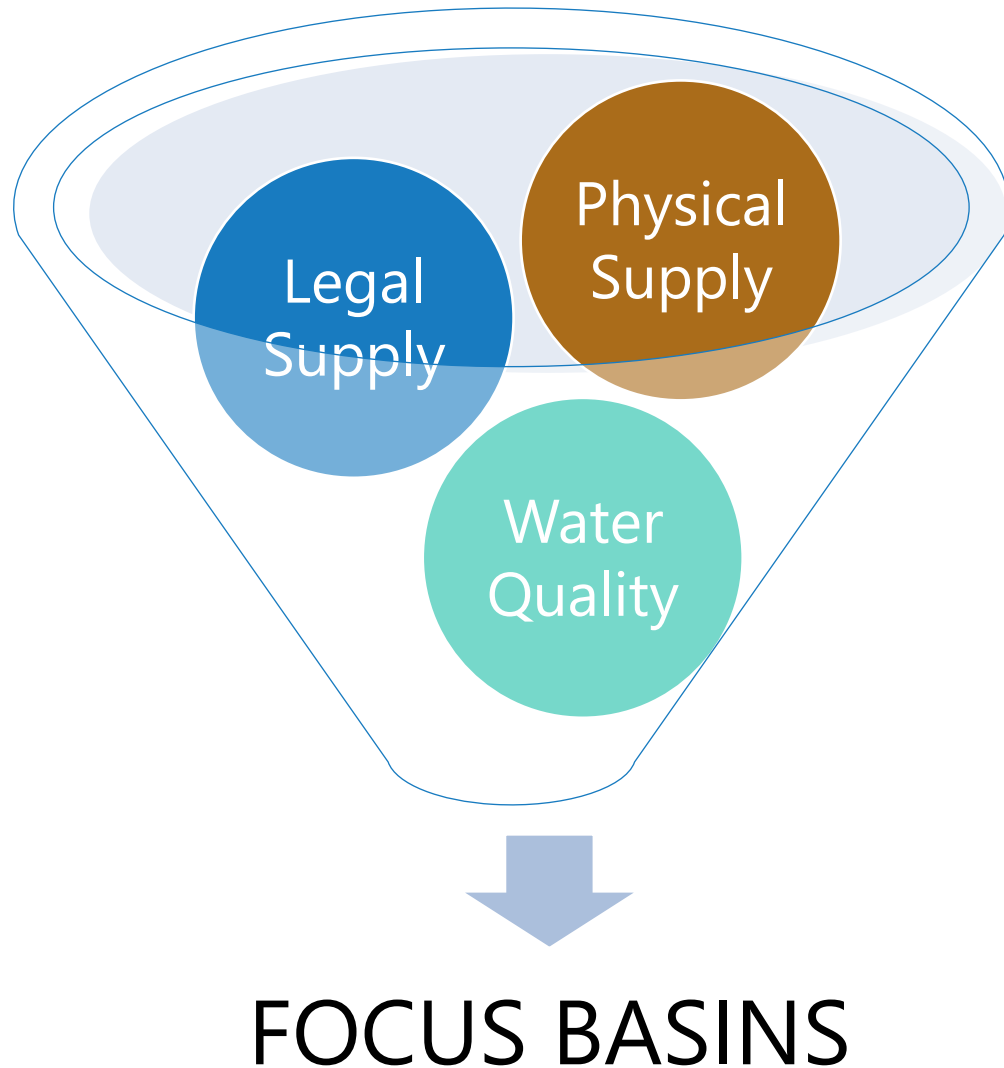
**When:** By Decade

**How much:**

- Magnitude
- Frequency
- Duration

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# Identification of Focus Basins (fka "Hot Spot" Basins)



Example from OCWP 2012

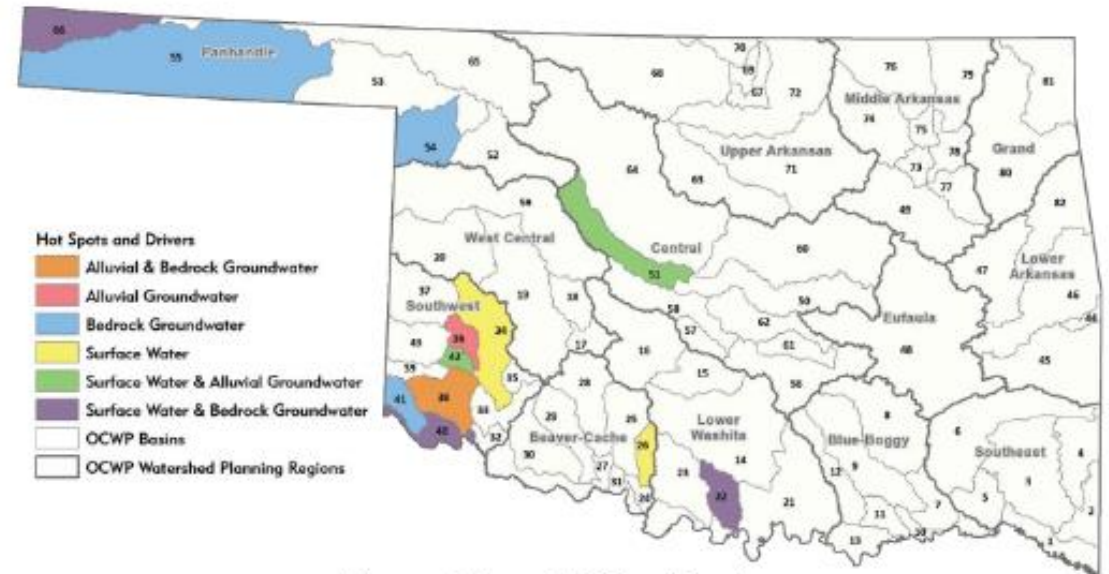
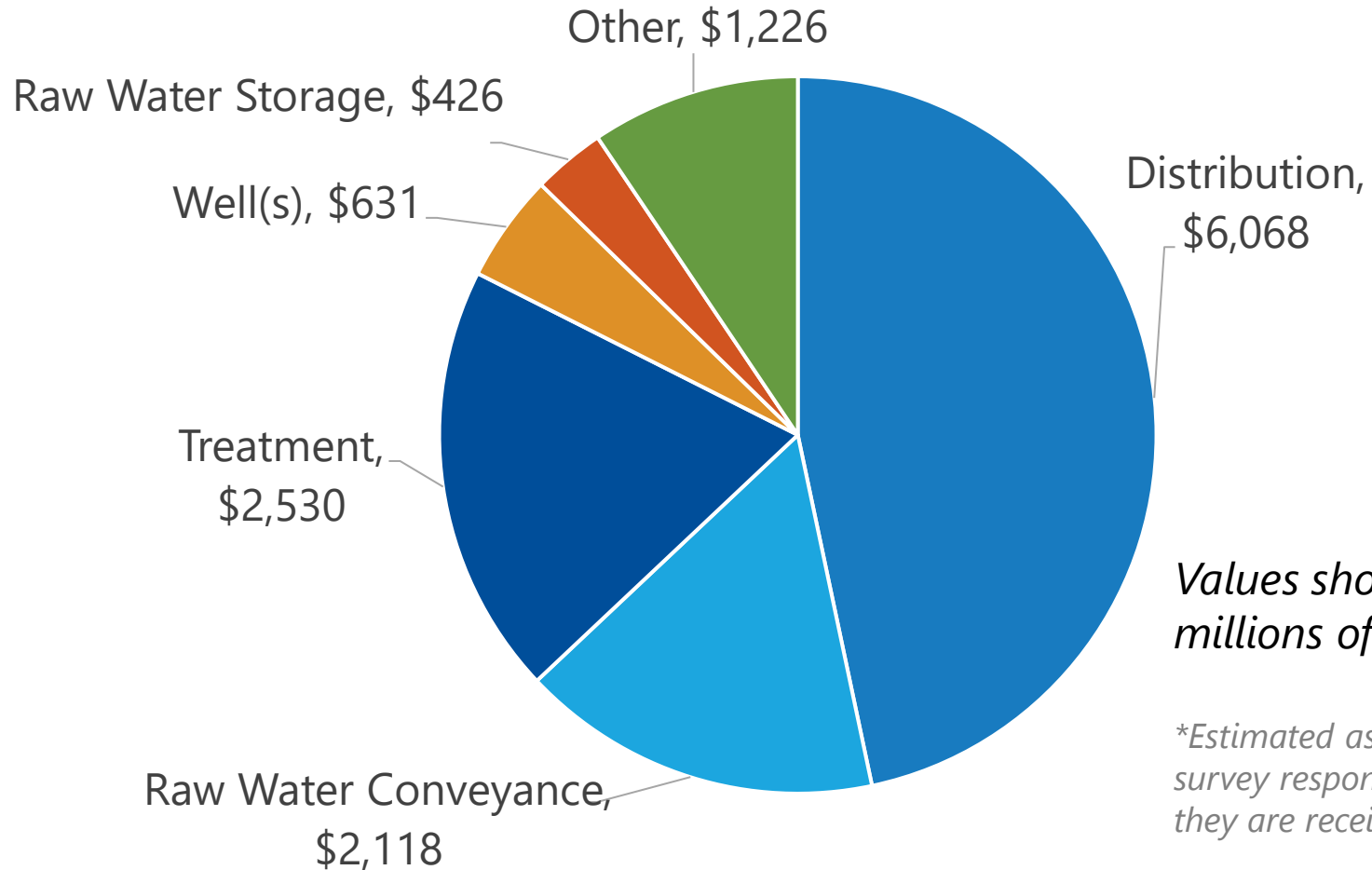


Figure 1.1 Hot Spot Basins

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# Preliminary Results – Water Infrastructure Projects

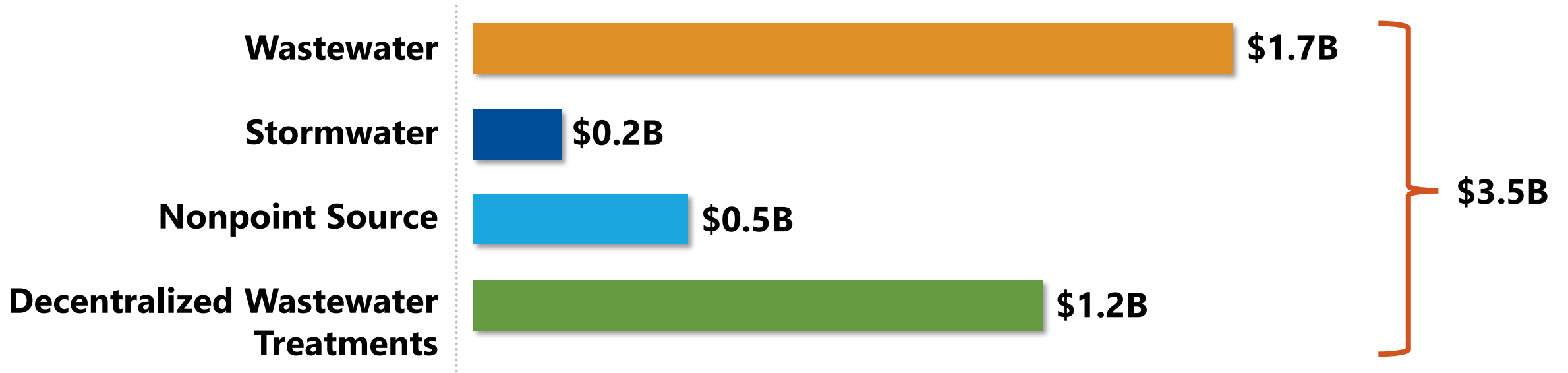


*Values shown are in millions of dollars*

*\*Estimated as of 7/31/23 – additional survey responses will be incorporated as they are received*

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# Unpublished Results – Clean Watersheds Funding Needs by Category

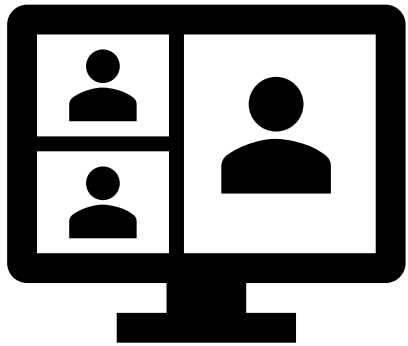


*\*Federally accepted dollars by category*

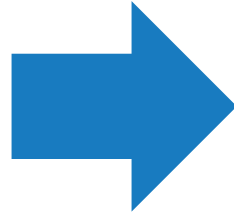
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# Focused Input Set the Foundation

## INITIAL INPUT



Water Users:  
Priority Issues  
and Concerns  
(2021)



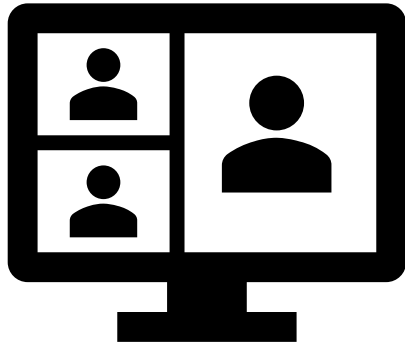
## TOP ISSUES

- Infrastructure Improvements & Funding / Financing
- Coordination with established water planning groups
- Permitting / Regulations / Policy
- Regionalization
- Weather extremes
- Environmental / Instream Flows
- Staffing / Workforce Shortages
- Stormwater / Flooding
- Support from Agencies / Scientific Communities
- Support to Rural Communities
- Public Outreach & Education
- Sustainability
- Water Conservation
- Water Quality Issues
- Water Quantity Issues
- Water Reuse

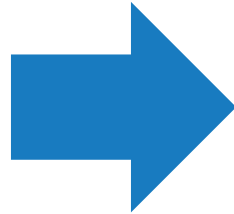
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# Workgroups are Tackling Priority Issues

## INITIAL INPUT



Water Users:  
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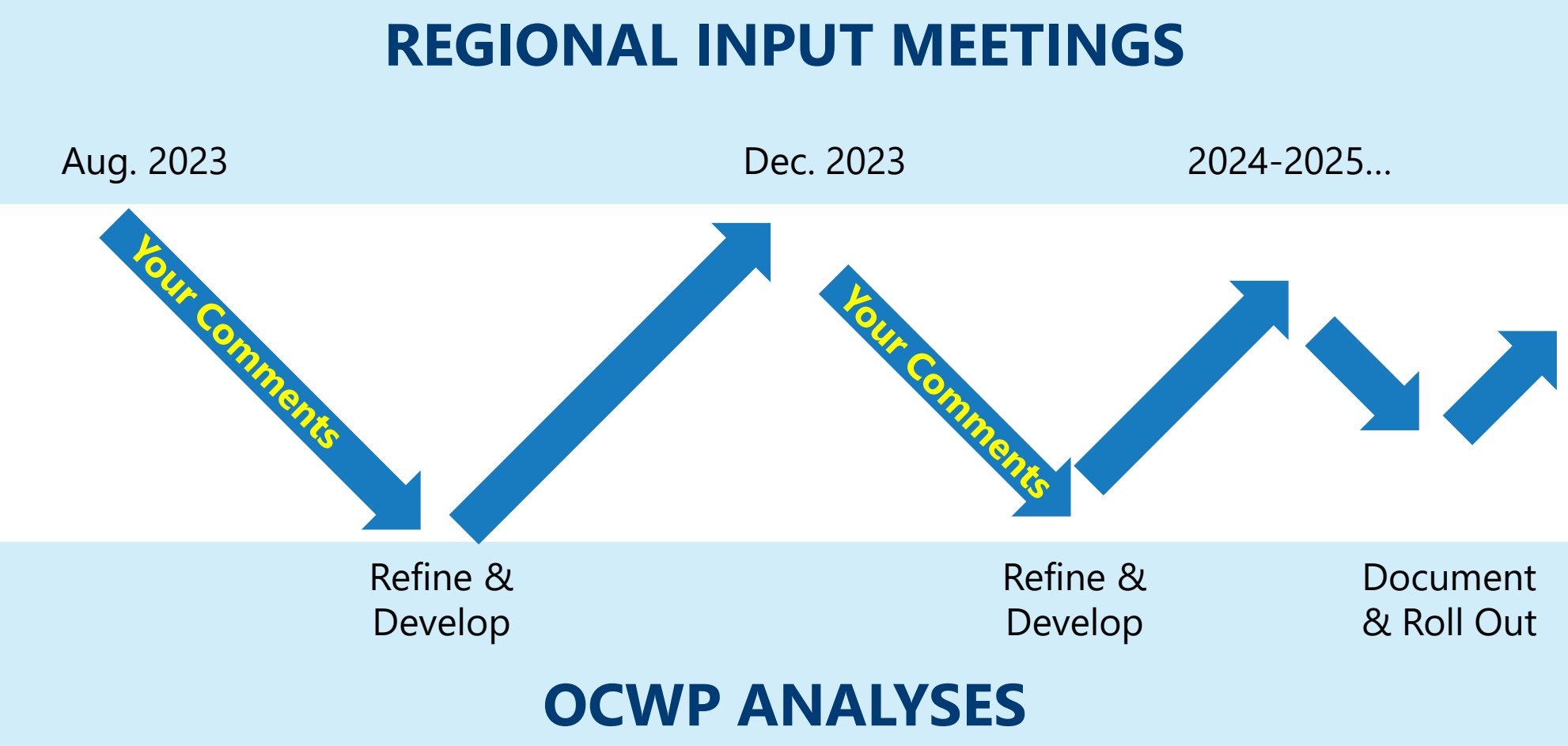


## FORMED OCWP WORKGROUPS FOR KEY ISSUES

- Source Water Collaborative
- Oklahoma Water Reuse Action Plan
- Workforce
- Irrigated Agriculture

How can I get involved?

# Path Forward: Integrating your input



Recommendations to Legislature

Results and Data out for public consumption



# Round Two regional meetings

1:00 – 4:00 pm

- **Dec 05** | **NW** – Goodwell – Panhandle State University
- **Dec 11** | **SW** – Lawton – Cameron University
- **Dec 12** | **SE** – Talihina – Kiamichi Technical Center
- **Dec 13** | **NE** – Tahlequah – Cherokee Chota Center
- **Dec 14** | **Central** – OKC – Francis-Tuttle Technical Center

*Discussion groups will craft solutions and recommendations for the highest-priority policy issues identified in Round One meetings (August 2023)*

# Questions? Comments? Get involved!



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Facebook: Oklahoma Comprehensive Water Plan

