



Presentation Overview

- What we did
- What we heard
- What we propose to do
 - ▶ 2020 Session Funding
 - Water Future Advisory Council
 - Outcomes and Objectives
 - ▶ Legislature and Advisory Council
 - Updated Vision

Background

Agencies began working more formally together to coordinate investments in built and natural water infrastructure with IWRS as foundation

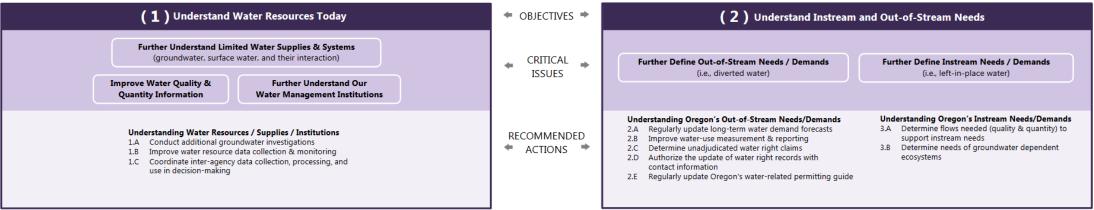
Opportunity to collaborate to strategically plan for, prioritize, and invest in water infrastructure

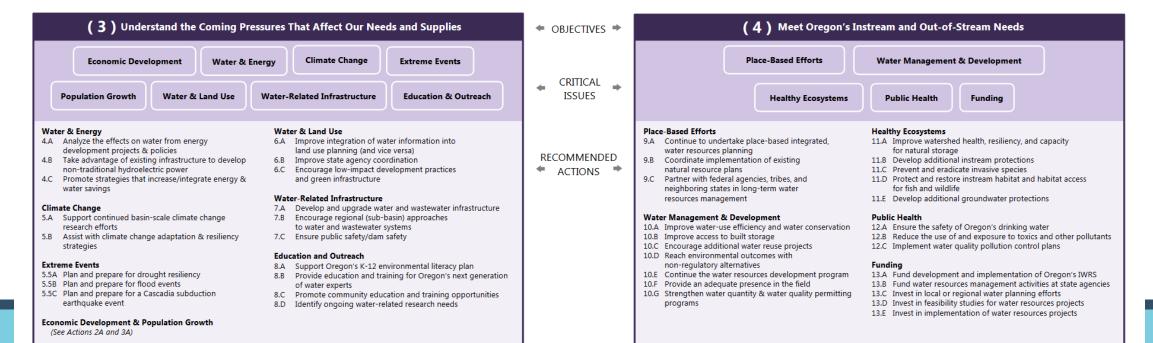


Oregon's 2017 Integrated Water Resources Strategy



A framework for improving our understanding of Oregon's water resources and meeting our instream and out-of-stream needs, including water quantity, water quality, and ecosystem needs





(4) Meet Oregon's Instream and Out-of-Stream Needs

Place-Based Efforts

Water Management & Development

Healthy Ecosystems

Public Health

Funding

Place-Based Efforts

- Continue to undertake place-based integrated, water resources planning
- 9.B Coordinate implementation of existing natural resource plans
- 9.C Partner with federal agencies, tribes, and neighboring states in long-term water resources management

Water Management & Development

- 10.A Improve water-use efficiency and water conservation
- 10.B Improve access to built storage
- 10.C Encourage additional water reuse projects
- 10.D Reach environmental outcomes with non-regulatory alternatives
- 10.E Continue the water resources development program
- 10.F Provide an adequate presence in the field
- 10.G Strengthen water quantity & water quality permitting programs

Healthy Ecosystems

- 11.A Improve watershed health, resiliency, and capacity for natural storage
- 11.B Develop additional instream protections
- 11.C Prevent and eradicate invasive species
- 11.D Protect and restore instream habitat and habitat access for fish and wildlife
- 11.E Develop additional groundwater protections

Public Health

- 12.A Ensure the safety of Oregon's drinking water
- 12.B Reduce the use of and exposure to toxics and other pollutants
- 12.C Implement water quality pollution control plans

Funding

- 13.A Fund development and implementation of Oregon's IWRS
- 13.B Fund water resources management activities at state agencies
- 13.C Invest in local or regional water planning efforts
- 13.D Invest in feasibility studies for water resources projects
- 13.E Invest in implementation of water resources projects

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(1) Understand Water Resources Today

Further Understand Limited Water Supplies & Systems

(groundwater, surface water, and their interaction)

Improve Water Quality & Quantity Information Further Understand Our Water Management Institutions

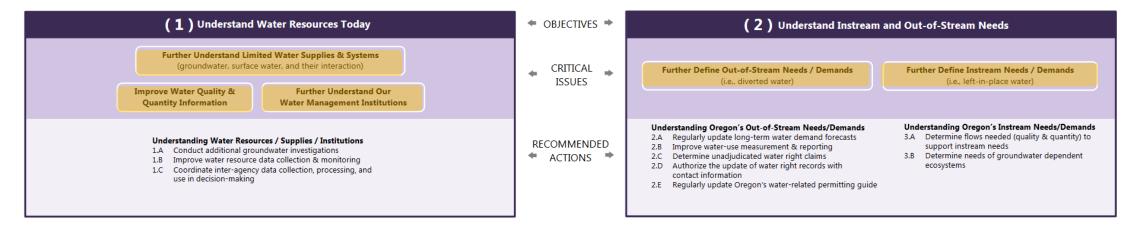
Understanding Water Resources / Supplies / Institutions

- 1.A Conduct additional groundwater investigations
- 1.B Improve water resource data collection & monitoring
- Coordinate inter-agency data collection, processing, and use in decision-making

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Opportunity to collaborate to strategically plan for, prioritize, and invest in water infrastructure

catalyst for

100-Year Water Vision developed to catalyze investments in IWRS

Fall 2019: Water Vision Outreach Launch



Phase I Objectives

- Refine the Vision, problem statement, and goals
- Building on the IWRS, increase understanding of available data and gaps, as well as built and natural infrastructure conditions and needs (ongoing)
- Building on IWRS, increase identification of priority data needs for effective built and natural water infrastructure decision-making (ongoing)
- Increase knowledge of current state and federal funding available (ongoing)
- Increased awareness by water leaders of the context around the 100-Year Water Vision (ongoing)



Outreach & Engagement Process

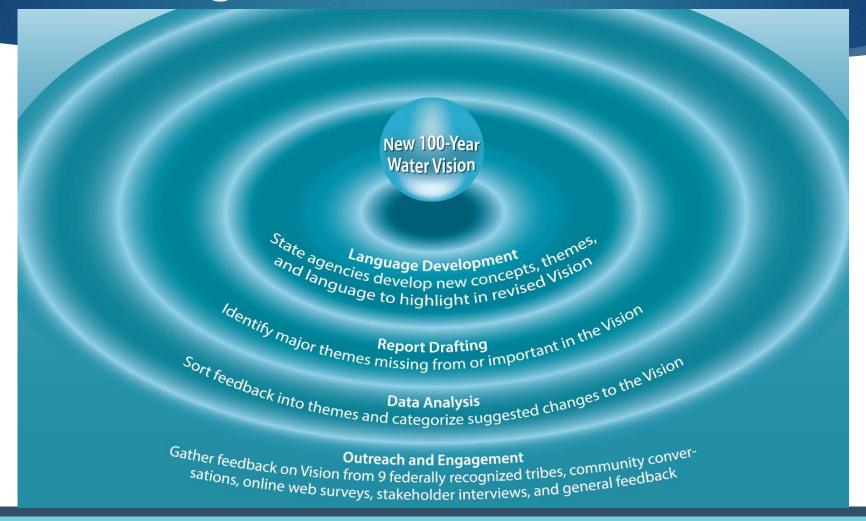
- 8 Community Conversations
- 1 Website survey
- 1 technical workshop
- > 78 stakeholder interviews
- Formal/informal conversations and/or interviews with all federally recognized tribes
- 950 participants engaged
- Over 4,300 individual comments







Processing the Feedback





Data and Information Needs

Water availability

• Supply, use, demand, and conservation

Water quality

Water treatment, reuse, and contaminants

Environment

Watershed health and instream needs

Future trends

Climate, population, and resiliency

Funding

Available resources and opportunities for increased efficiencies



Data and Information Asks

An integrative water data platform

- GIS-based and easily accessible for community planning
- Aggregated and standardized
- Affordable and in real-time
- Climate and other models for predictive water planning
- Inclusive of every basin in the state



Thematic Takeaways (1)

- External forces impact water use and water availability
- Conserving water, using it efficiently, and reusing it
- Oregon's built water infrastructure is aging, and natural infrastructure is under-utilized
- Ecosystems are an important, but under-recognized part of the water conversation



Thematic Takeaways (2)

- Communities recognize safety as an important piece of the water conversation
- Water is a limited resource. Useful and usable information is needed to begin discussions about balancing interests
- Oregon needs to ramp up investments, not just for projects, but for strategic planning, information, and community capacity



Process Takeaways

- Tribes are sovereign nations, and their role in Oregon's water future is key
- All Oregonians need to be actively engaged in water decisions to develop effective, locally based solutions
- Regional approaches and flexibility will be needed to address Oregon's diverse water conditions and needs... and a statewide framework is also necessary
- Policy was broadly discussed, but not necessarily agreed on...
- Creating a culture of water



Moving Forward

- ▶ There is a strong interest in continuing the dialogue, and...
- ► There are questions:
 - What will the next phase entail?
 - Will this process be inclusive?
 - Will the state take strong leadership?
 - Will this or any process result in real change?



What We Propose to Do

- ► With 2020 Session Funding
 - ▶ Water Future Advisory Council
 - Outcomes and Objectives
 - Updated Vision



2020 Legislative Session

- Water Vision Coordination & Implementation
 - ► OWEB \$350,000
- Water Vision Decision Support Tool Development
 - ▶ DEQ \$250,000
- Water Business Case
 - ► WRD \$200,000

Web-Based **Access and Decision-Support User Portal Tools for Users** & Information Integrated Data **Water Data Integration Platform** and Information Translation **Water Data Inputs** 2 Data missing

2020 Budget Request:

- **1** Developing specifications and requirements for a water data platform that integrates data to enable agencies and communities to make strategic water decisions;
- 2 Identifying key water data gaps; and
- 3 Identifying initial user needs for web-based user portal.



Phase II Approach

- Legislative Funding Needed
- Water Future Advisory Council, other committees and partnerships to address outcomes and objectives – Executive Order following session
- Inclusive process
 - Legislature
 - Tribes
 - Diverse cross-section of stakeholders
- Funding proposals in 2021 and future biennia
- Only policy and statutory changes related to outcomes and objectives
- ► Note: In parallel 2022 IWRS Update



Phase II Outcomes

- Improve funding coordination and increase funding available in both the short and long term for built and natural water infrastructure and ecosystems
- Develop and invest in the public engagement, governance, information, and capacity systems needed to ensure communities can strategically plan for, design, and implement water investments



Phase II Objectives

- Community Capacity
- Water Investment Governance
- Water Funding
- Engaging Oregonians
- Data and Information Systems



Legislature and Advisory Council

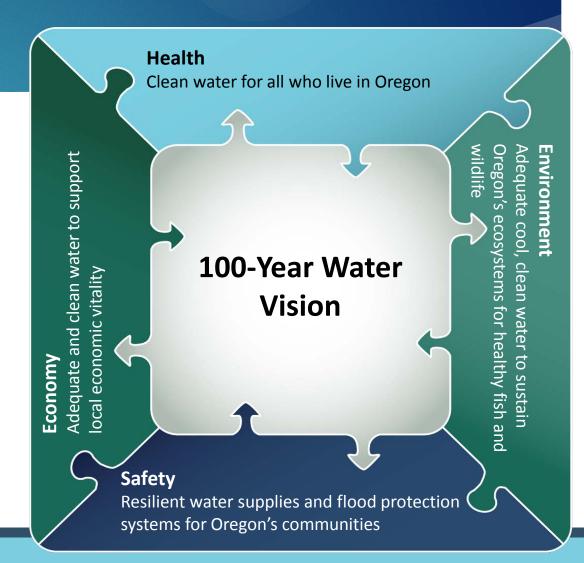
- Partnership
 - Governor's Memo full coordination with legislature
 - Policy Recommendations from advisory council need to be vetted through legislative process
 - Budget Recommendations from advisory council or agencies will be coordinated through legislative process
 - ▶ Topics not within advisory council purview legislative determination to pursue



Oregon's 100-Year Water Vision: A Call to Action

To address changes in climate and population dynamics, Oregonians will take care of our water to ensure we have enough clean water for our people, our economy, and our environment, now and for future generations.

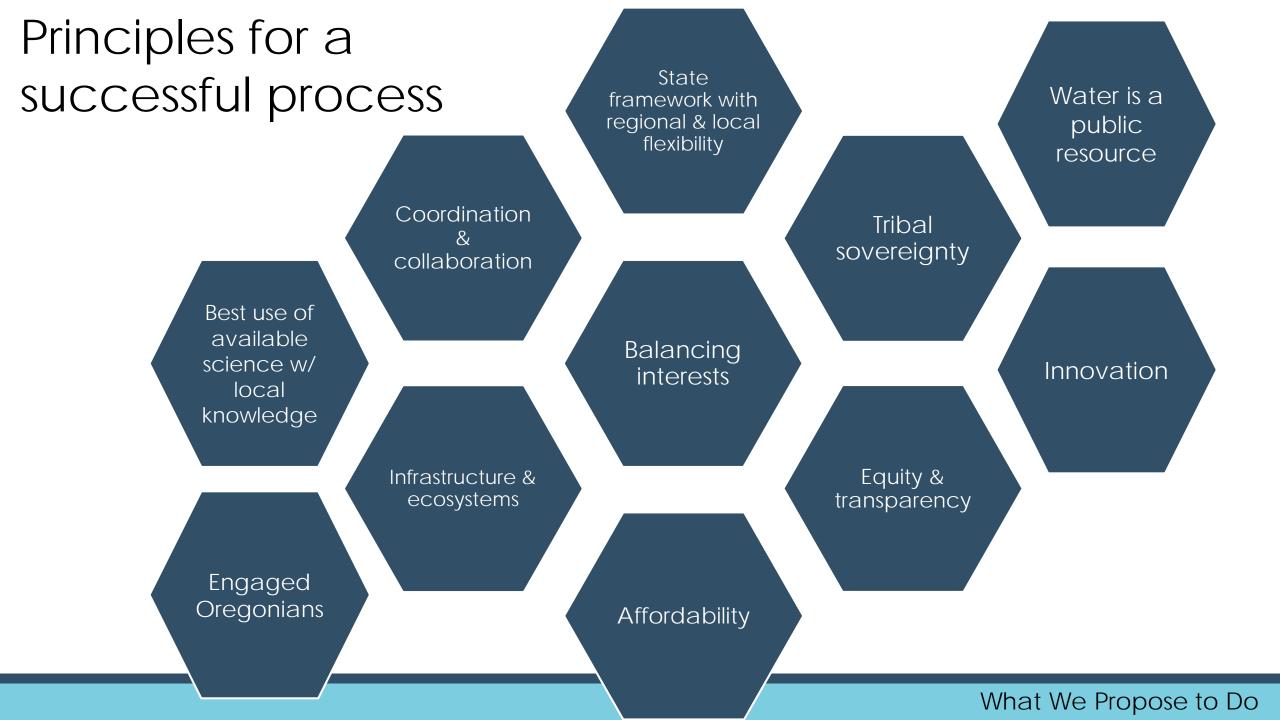
Oregonians will invest strategically in infrastructure and ecosystems across all regions to support resilient communities, vibrant local economies, and a healthy environment for all who live here.





What Changed in the Vision

- Strong focus on investment and associated needs to support investments
- Goals stayed the same, but more detailed descriptions
- Many goal statements proposed were added as principles
- Recognize limited supply
- Acknowledgements
- Clear recognition of natural infrastructure and ecosystems
- Recognition of recreation
- Clarified challenges and opportunities system and management





Other Topics Raised

- Incredible range of feedback as extensive as the IWRS
- Policy, data and information, community coordination, innovation
- Water Committee Bill topics
- Tracking our progress and success
- Look to other states and within Oregon



Documents on www.OregonWaterVision.org

Full Summary Report

- Revised Water Vision
- Executive summary
- Process recommendations
- Oregon Consensus summary
- Methodology
- Outreach and engagement
- Technical data workshop



Call to Action:

Oregon's limited water supplies are already being shaped by climate and population changes. We must both act now and plan for the long term. How we choose to care for our water will determine if we pass a legacy of clean and sustainable water to future generations.



