

# Mid-Coast Water Planning Partnership Prioritization Project



Head 2 Cape

March 2, 2023

# Welcome!

- Facilitator: GSI Water Solutions, Inc. (GSI)
  - Suzanne de Szoeki (she/her/hers)
  - Leah Cogan (she/her/hers)
- Organizing Team
  - MCWPP Co-conveners
    - Adam Denlinger, Seal Rock Water District
    - Alan Fujishin, Gibson Farms
  - Coordinating Committee
  - GSI
- Financial Support
  - Oregon Water Resources Department (OWRD)
    - American Rescue Plan Act (ARPA)  
Coronavirus State Fiscal Recovery Fund
  - Seal Rock Water District

## Participation Protocols

- Guiding Principles from the Charter
  - Partnership
  - Transparency
  - Innovation
  - Commitment
  - Flexibility
  - Action
  - Clarity

## Participation Protocols

- Be respectful and patient
- Utilize hand raising, written messages (chat if online), and Q&A time to communicate
- Make every effort to stay on topic
- Silence electronics
- If online, stay muted unless speaking during Q&A

# Agenda

10:00 AM	Introductions
10:05 AM	Water Action Plan recap
10:15 AM	Funding overview: planned activities and general schedule
10:30 AM	Potential prioritization criteria
11:00 AM	Potential prioritization approaches
11:30 AM	Prioritization Working Group meeting planning

# MCWPP Mission

- To develop an inclusive community forum which examines water use in the region, identifies current and potential water challenges, and creates a unified plan to balance water needs. – MCWPP Charter
- To develop regional sustainable solutions that ensure adequate water supplies for water systems and local industry while supporting healthy fish and wildlife populations – [www.midcoastwaterpartners.com](http://www.midcoastwaterpartners.com)

# MCWPP Water Action Plan

- Approved by the Oregon Water Resources Commission on June 16, 2022
- Focused on Tier 1 actions
- 59 actions that fall under 8 imperatives
- Actions grouped into phases 1-3 to be carried out over 10 years
- Actions have identified leads, estimated costs, and potential funding sources

[www.midcoastwaterpartners.com](http://www.midcoastwaterpartners.com)



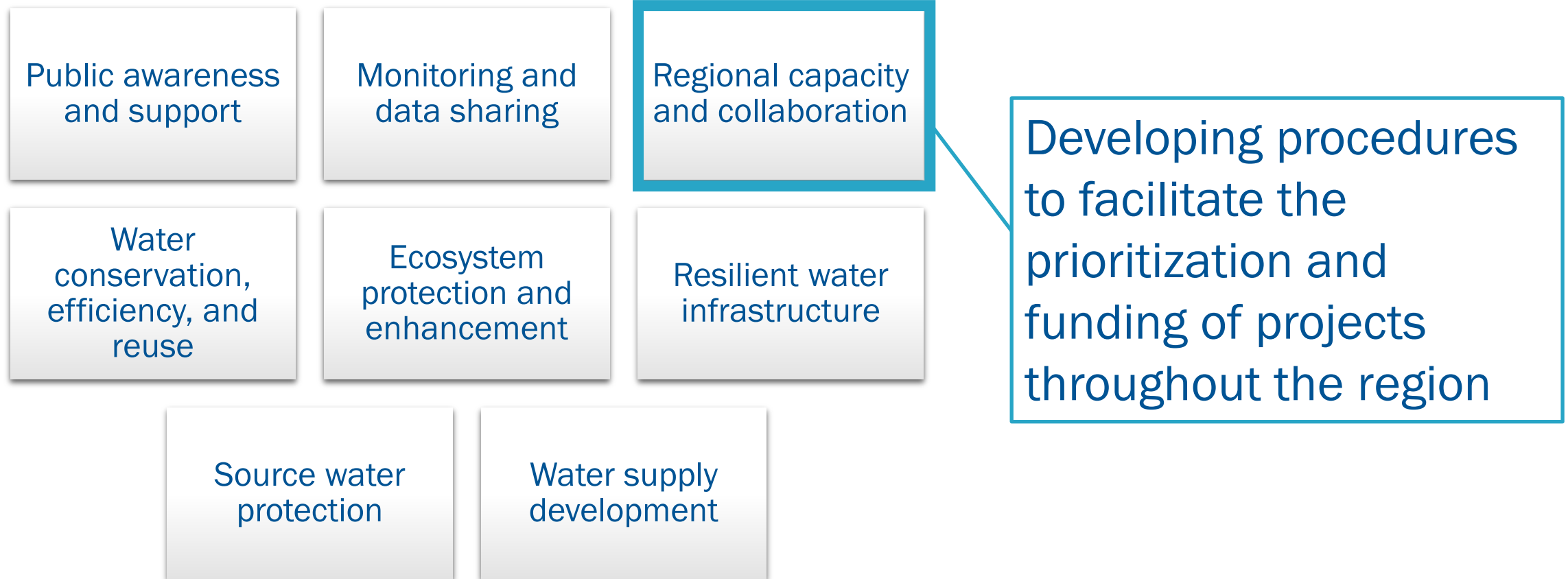
## OREGON'S MID-COAST WATER PLANNING PARTNERSHIP WATER ACTION PLAN

May 2022  
[www.midcoastwaterpartners.com](http://www.midcoastwaterpartners.com)

Oregon's Mid-Coast Water Planning Partnership Water Action Plan i

# MCWPP Water Action Plan Imperatives

- 59 actions under 8 categories (imperatives)





# MCWPP Water Action Plan

## Imperative 2. Regional Capacity and Collaboration

Regional collaboration enhances the resilience and capacity of the water delivery system and helps ensure reliable source water quality and quantity. Strategies to enhance regional collaboration may include pooling regional resources, providing technical information to landowners, and improving access to resources and funding.

### Objectives

- Cultivate active coordination and collaboration among all regional water providers to improve access to resources and funding that enhance system resilience and reliable source water quantity and quality.
- Expand water conservation planning programs and initiatives.

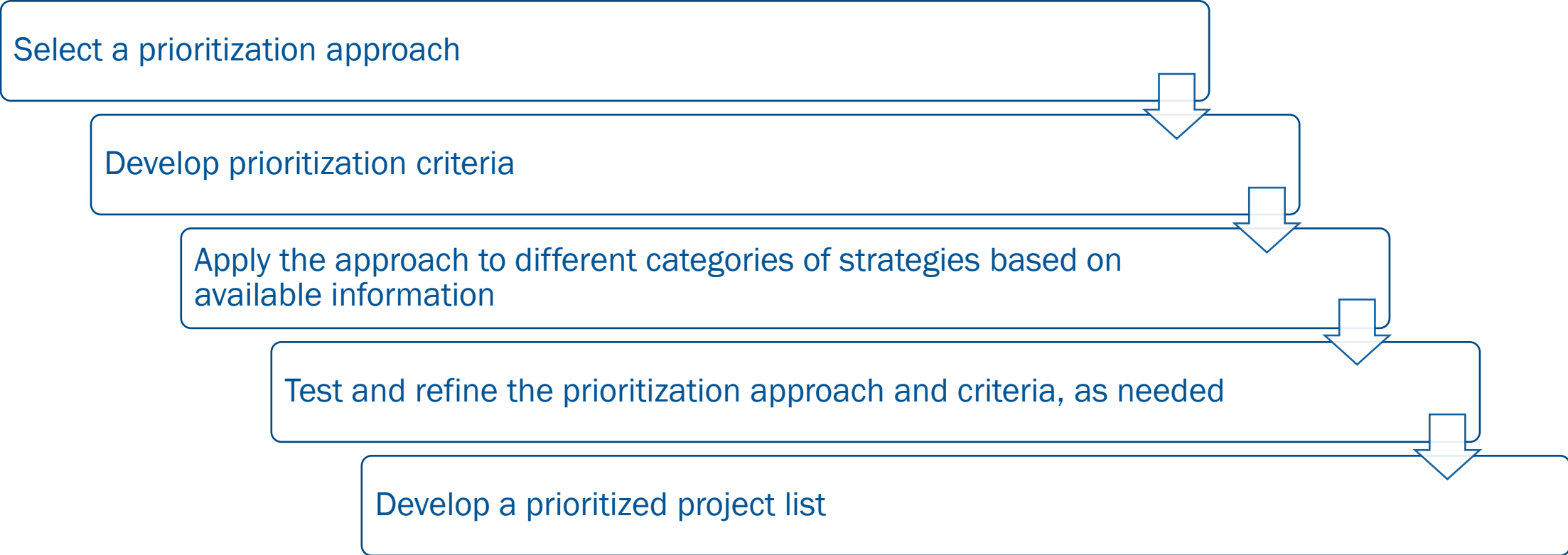
### Action Details

Action	Desired Outcomes	Potential Lead & Participants	Timeline	Initial Estimated Investment	Potential Funding Sources	
2	<b>Regional Collaboration: Support the creation of a feasible 50-year county-wide water supply plan. Incorporate regionally integrated plans that improve water system resiliency and adequately plan for future water supply development in the face of natural and human-caused disasters.</b>	Conduct an updated analysis of supply and demand (use OSU Study), evaluating both instream and out-of-stream needs, coupled with an alternatives analysis of potential strategies to reduce demand and/or increase supply (conservation, pricing, storage, reuse, new sources, etc.). Water providers collaborate to develop risk and resilience assessments and emergency response plans that are inter-connected where feasible.	<b>Lead:</b> Lincoln County, Regional Solutions, Lincoln County Water Systems Alliance (LCWSA), OHA regional engineers, water providers <b>Participants:</b> All Lincoln County water suppliers, regional stakeholders, OWRD and other state agencies), EPA, Rural Community Assistance Corporation	PHASES 1-3	\$200,000	<ul style="list-style-type: none"> <li>▪ Business Oregon/Infrastructure Finance</li> </ul>
3	<b>Regional Collaboration: Support the development of organizational procedures for the Mid-Coast Water Conservation Consortium (MCWCC) and the Lincoln County Water Systems Alliance (LCWSA) that will facilitate the prioritization and funding of projects throughout the region.</b>	Explore organizational options for Mid-Coast Water Conservation Consortium that would enable entity to prioritize and fund projects throughout the region on behalf of members.	<b>Lead:</b> Mid-Coast Water Conservation Consortium, Lincoln County Water Systems Alliance <b>Participants:</b> Independent, governmental, and industrial water suppliers and users	PHASE 2	\$50,000	<ul style="list-style-type: none"> <li>▪ Meyer Memorial Trust Capacity Building Grant.</li> <li>▪ Business Oregon Drinking Water Source Protection Fund.</li> <li>▪ Special Public Works Fund (SPWF).</li> <li>▪ U.S. Economic Development Administration (EDA).</li> </ul>
4	<b>Regional Collaboration: Strengthen/support the Mid-Coast Water Conservation Consortium to enhance water conservation, increase resiliency during shortages and emergencies, and pool resources of multiple water providers. Support enhanced coordination with state and federal entities outside of the Mid-Coast.</b>	Water suppliers have a strengthened ability to address water conservation issues, increase resiliency, and pool resources.	<b>Lead:</b> Mid-Coast Water Conservation Consortium, Lincoln County Water Systems Alliance <b>Participants:</b> Water providers	PHASE 1	\$50,000	<ul style="list-style-type: none"> <li>▪ Georgia-Pacific Environment Grant Program.</li> <li>▪ Business Oregon Drinking Water Source Protection Fund.</li> <li>▪ U.S. Economic Development Administration (EDA).</li> </ul>

# Funding Secured to Move Forward

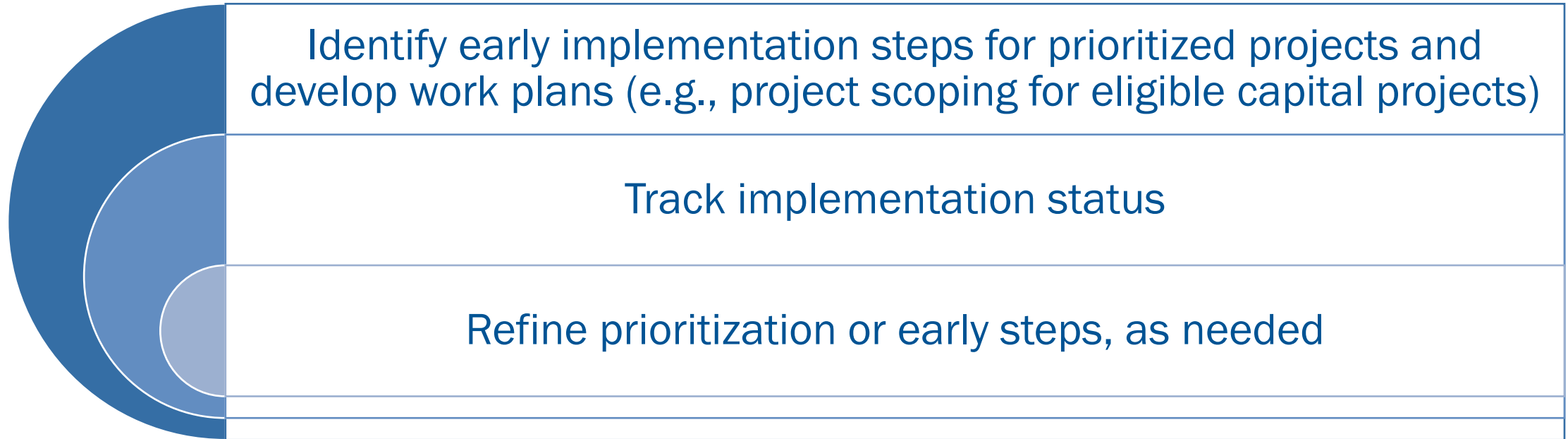
- OWRD awarded the MCWPP \$250,000 from the ARPA Coronavirus State Fiscal Recovery Fund
  - To continue place-based planning efforts through December 2024
- Activities
  - Task 1: Prioritize the Water Action Plan implementation actions
  - Task 2: Take initial steps to implement prioritized actions
  - Monthly work group meetings (hybrid or virtual)
  - Biannual Partnership meetings (in-person)
  - Coordination

# Task 1: Prioritization



Deliverable: Prioritization document outlining the process and prioritized list of projects

# Task 2: Initial Implementation Steps



## Deliverables:

- Document outlining early implementation steps and associated near-term work plans
- Additional products to be determined (scoping documents, funding plans, and/or similar project assessment documents)

# Estimated Schedule

March-June 2023

- **Identifying a prioritization approach**
- **Developing and refining prioritization criteria**

July-October 2023

- **Applying prioritization criteria**
- **Developing prioritized action list**

November 2023 -  
December 2024

- **Work plan development**
- **Early implementation steps**



**Questions?**



**Vision of Success**

# Potential Criteria

## Water Action Plan

- Phases of implementation
- Data collection and monitoring (highest needs)
- Cross-cutting imperatives
- Specific performance metrics

## Multiple benefits (instream and out-of-stream)

- Meets goals of more than one imperative
- Benefits watershed processes or multiple locations
- Ecological, social, educational, and economic benefits



# Potential Criteria

## Improvements to water quantity

- Benefits for drinking water and other beneficial uses
- Benefits for fish and wildlife
  - Increased water for habitat

## Improvements to water quality

- Benefits for drinking water and other beneficial uses
  - Drinking water quality parameters
  - Assists with water treatment
- Benefits for fish and wildlife
  - Protects or improves water quality (303(d), TMDL)

# Potential Criteria

## Addresses root causes of problems

- Nutrient loading
- Habitat fragmentation

## Magnitude of benefits

- Broad vs. targeted impact
- Number of acres restored, volume of water conserved, etc.

## Project readiness

- Lead entity, permits, site access, etc.

## Resilience to climate change

- Refugia
- Water conservation

# Potential Criteria

## Habitat benefits

- Amount of habitat or connectivity
- Biologically significant location with Oregon Conservation Strategy – Strategy Species

## Availability of resources

- Existing funding
- Grant program criteria

## Cost-effectiveness

- Cost per unit of benefit achieved

## Public support

- Bridging multiple stakeholder groups or perspectives
- Implementation partners
- Stakeholder engagement or education


# Potential Criteria

## Geographic priorities

- Identified sensitive areas
- Called out in existing plans

## Other benefits

- Flood control
- Pollinator habitat
- Local economic benefit
- Soil improvement
- Carbon sequestration
- Recreation

- 
- What other criteria could be included?
  - Should the criteria differ among imperatives?

# Prioritization Criteria Brainstorm



# Priorities

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# Prioritization Approaches

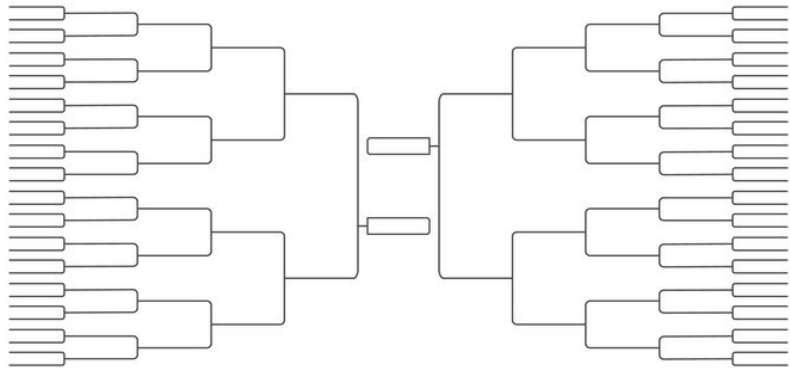
# Decision Support System

- Scoresheet approach
- Categories can be weighted
- Wide variety of criteria

Criteria	Weight	Locations		
		Location A	Location B	Location C
Rent	25%	3	4	3
Electricity	20%	3.5	2	4
Condition	15%	4	3.5	2
Safety	15%	3.2	5	2.5
Visibility	25%	4	3	3
<b>Weighted Average</b>		<b>3.53</b>	<b>3.425</b>	<b>2.975</b>

# Paired Comparison Analysis

- Direct comparison and ranking
- Can be done within or among categories



# Deliberation

- Stakeholder input and discussion
- Voting or consensus
- Decision-making principles in the Partnership's Charter





# Cost-Benefit Analysis

- Return on investment
- Can be difficult to quantify some benefits (ecosystem services)



# Champion Approach

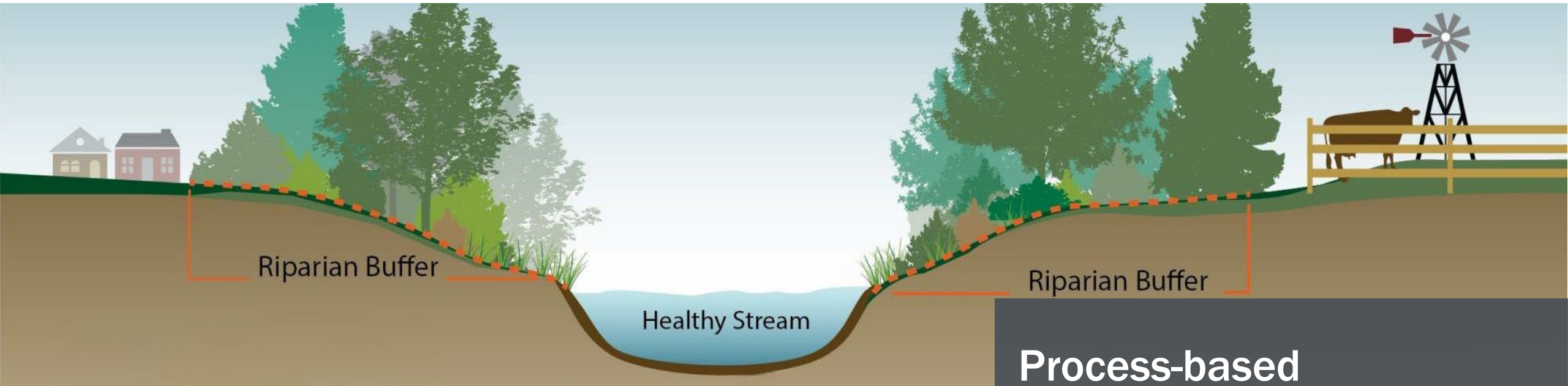
- Build on existing projects or focus areas
- Project lead, time, and resources available



# Ecosystem Protection and Enhancement

- Specific methods
- Biological or ecological criteria
- May need more baseline data





Process-based

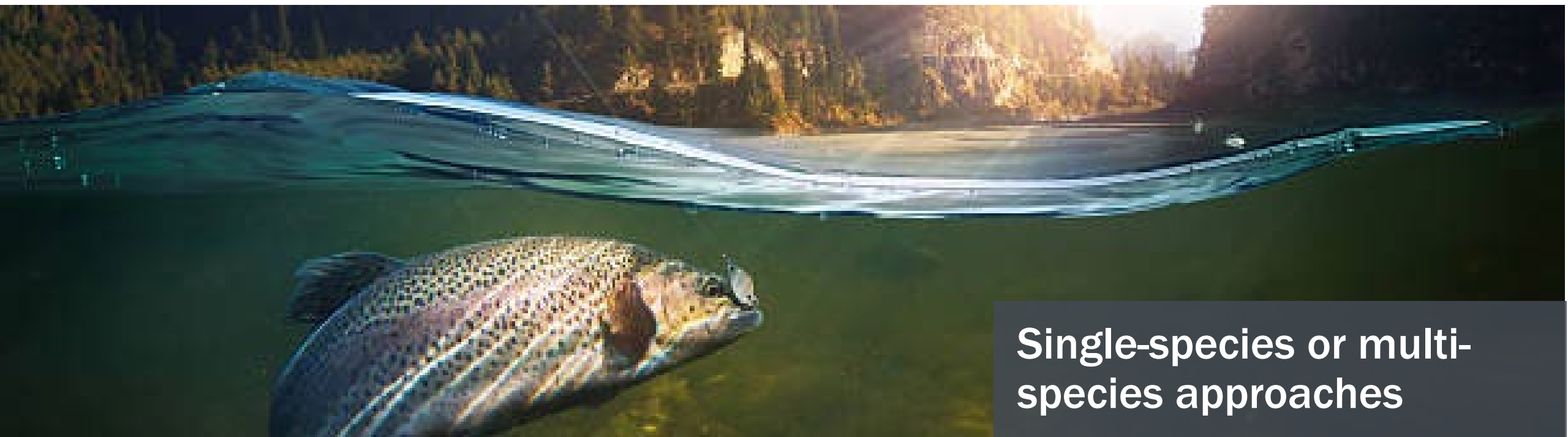
# VELMA Model (EPA)



## *the* OREGON CONSERVATION STRATEGY



ODFW prioritization



Single-species or multi-species approaches

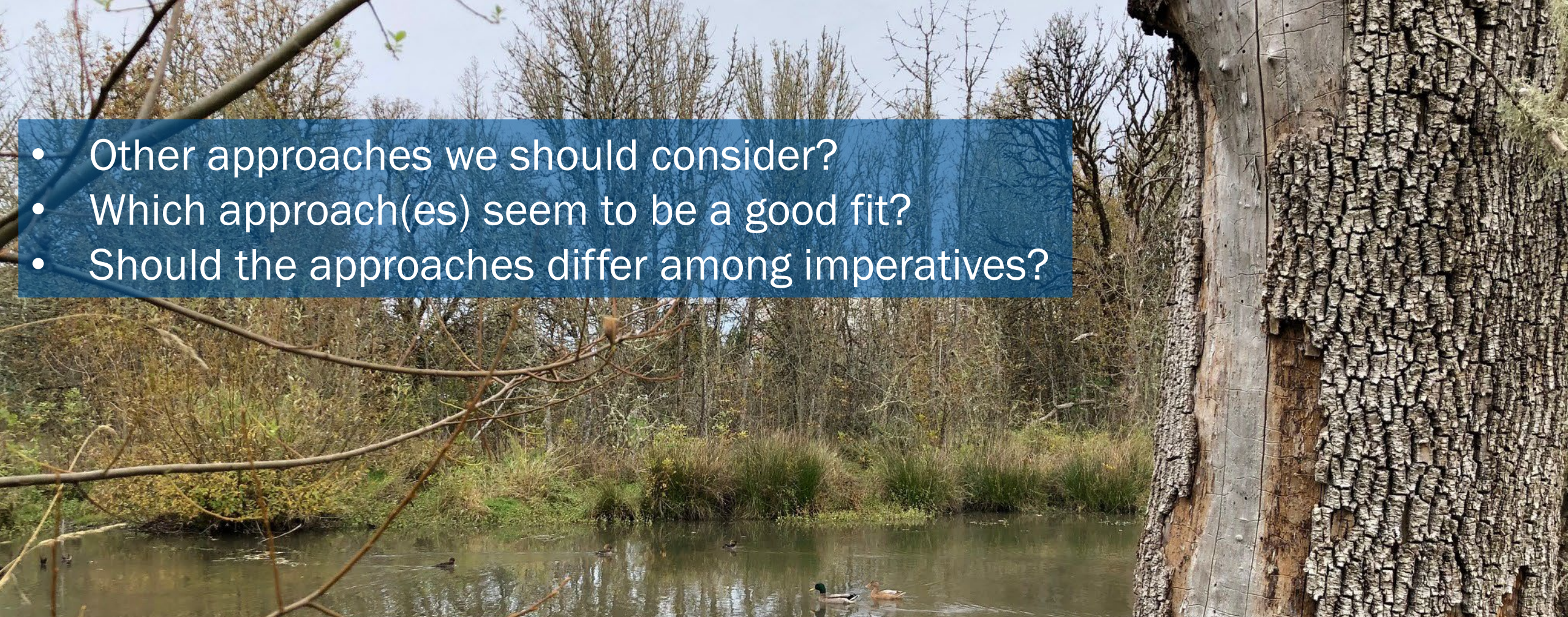
# Other Considerations

- Dependencies
- Connection to existing programs, projects, and plans
- Baseline data available
- Number of actions per imperative
- Community priorities (Oregon's Kitchen Table survey)

# Action versus Project

Actions	
35	Identify, fund, and implement high priority regional source water protection activities.
36	Support the reduction of nutrient, turbidity, and bacteria inputs and emerging contaminants of concern (e.g., PFAS, PFOA, PFOS, pharmaceuticals, etc.) to source water from all sectors using the latest technology.
37	Enhance contamination prevention measures for reservoirs, surface water intakes, springs, and/or wellheads.

Action	
47	Watershed Function and Ecosystem Services: Implement more erosion control practices.

- 
- A photograph of a natural landscape. In the foreground, a large tree trunk with rough, cracked bark is visible on the right side. The middle ground features a calm pond with several ducks swimming. The background is filled with a dense forest of trees, some with bare branches and others with green foliage. A blue semi-transparent box is overlaid on the upper left portion of the image, containing a list of three bullet points.
- Other approaches we should consider?
  - Which approach(es) seem to be a good fit?
  - Should the approaches differ among imperatives?

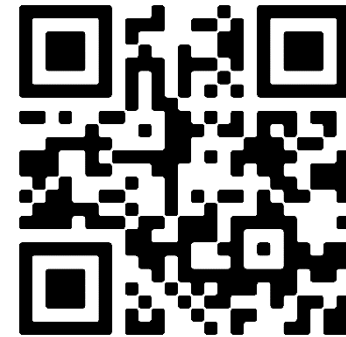
# Prioritization Approaches Input

# Next Steps

- Consider prioritization approaches and criteria
  - INPUT WORKSHEET
    - Provide input to Suzanne by March 14
- Meeting scheduling and imperatives of interest
  - SURVEY
    - Find a regular meeting time
    - Understand your interests

Suzanne de Szoeki  
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541-224-4588

Please respond  
to this survey  
by March 7:





**Thank you!**

