



**2025 SMMP
TASK FORCE**

Regional Sustainable Materials Management Plan

TASK FORCE RECOMMENDATIONS

BENTON COUNTY, OREGON, JUNE 2025

SMMP Consulting Team



Elizabeth (Liz) Start

Lead Facilitator



Bryce Hesterman

Project Director & Technical
Consultant



Joel Schoening

Project Manager & Technical
Consultant

Start Consulting Facilitation Team:

Lisa Ledoux

Pea Hamilton

Rebecca Stavenjord

RRS Research and Analysis Support

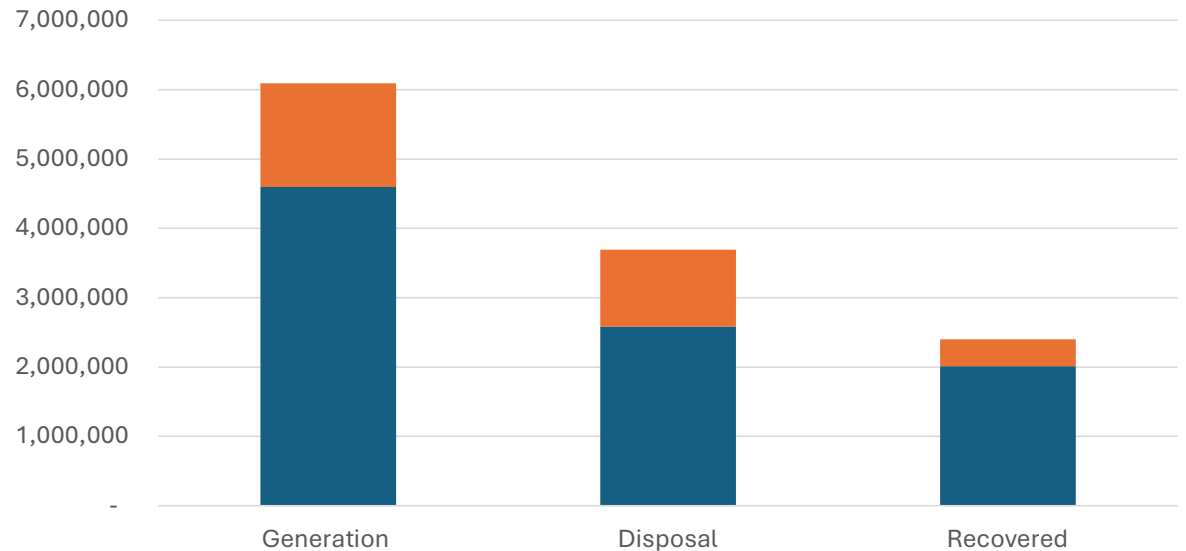
Allegra Starr

Marcus Coleman

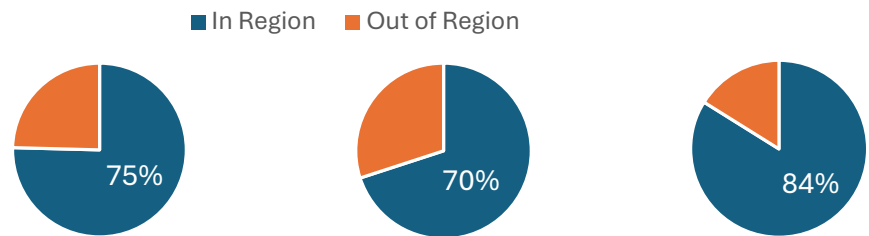
State Context:

- 6 million tons of waste generated statewide
- 75% of waste generation in 13 county region
- 2.4 million tons recovered
- 84% of all Oregon recovery in region

Statewide Waste and Recovery



Regional Share



Regional Collaboration & Materials Management Approach

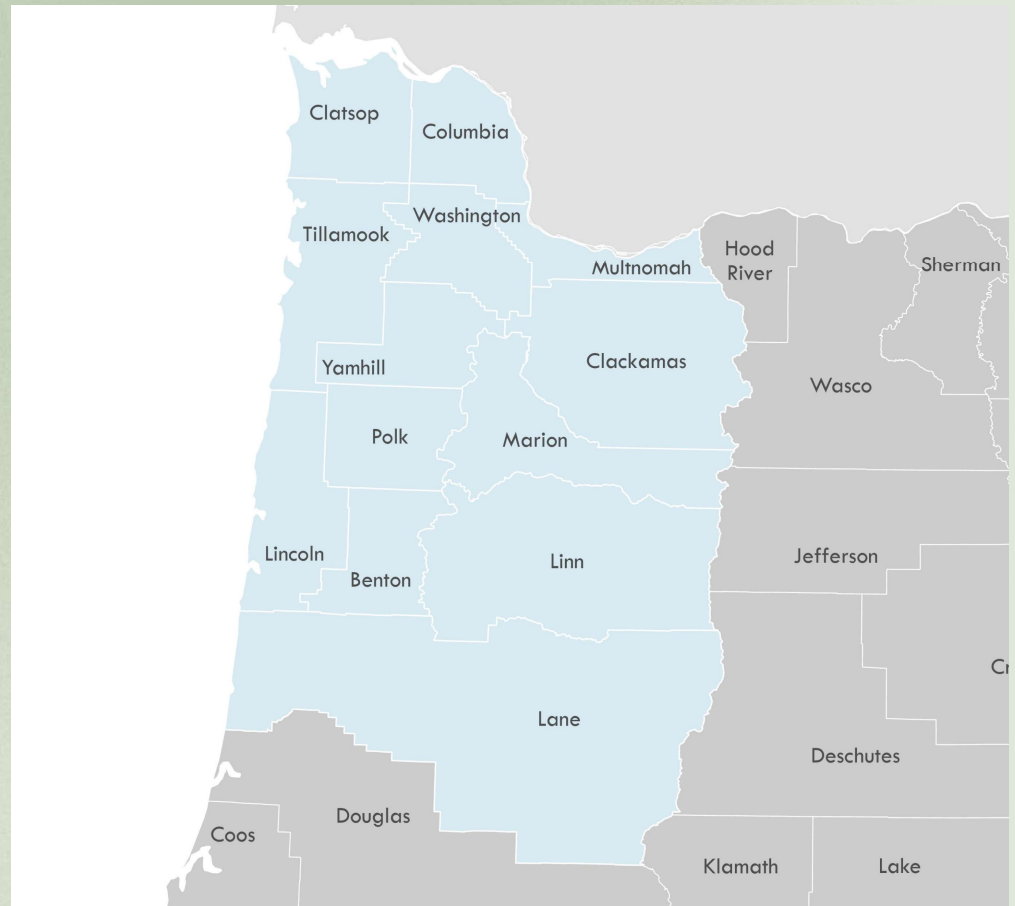
Benton County initiated the SMMP to initiate a regional response to a regional problem.

Participants included:

- Benton County
- Lane County
- Linn County
- Marion County
- Metro

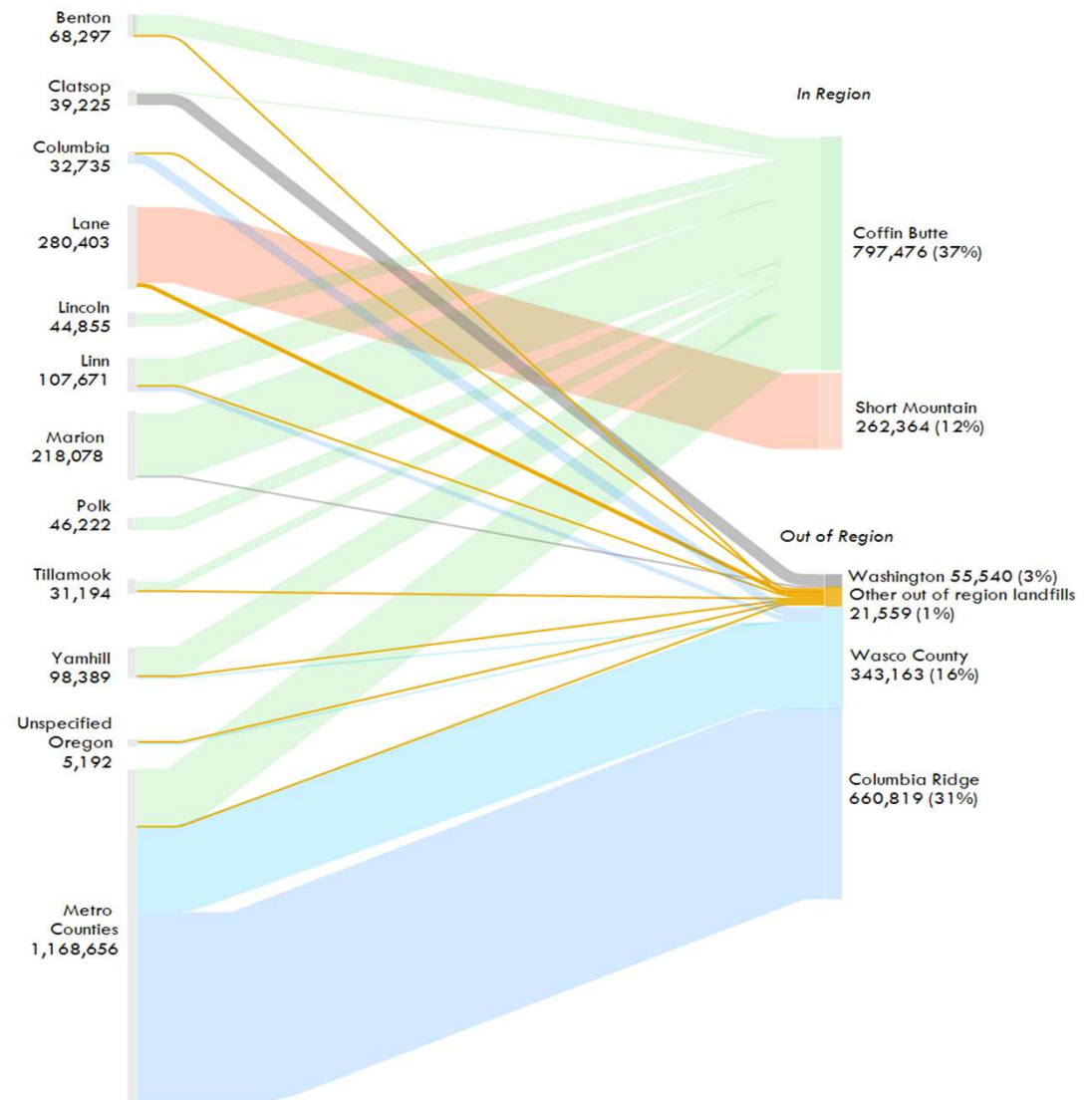
And:

- Representative from state agencies and offices
- Association of Oregon Counties, League of Oregon Cities
- Association of Oregon Recyclers
- Non profit organizations
- Academic subject matter experts



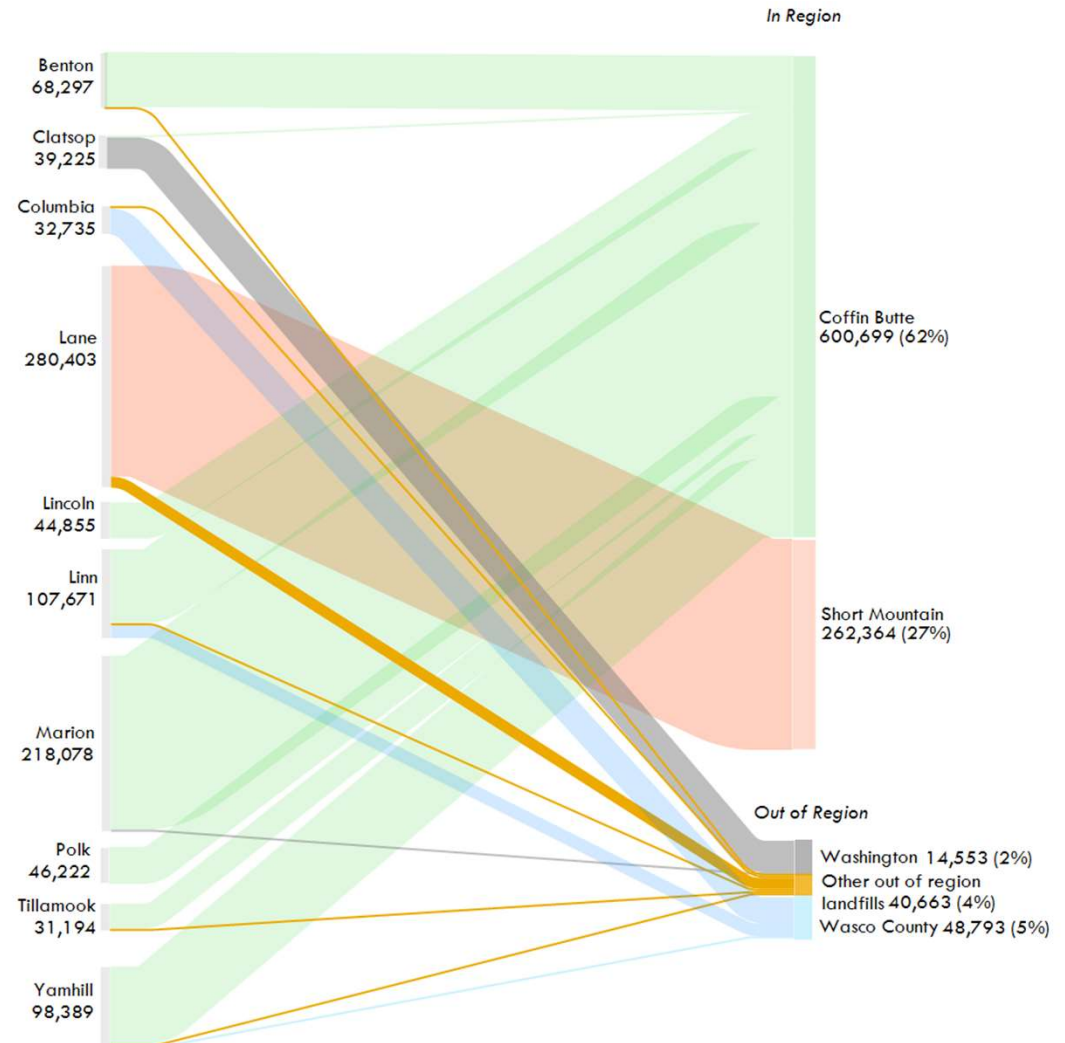
NW Oregon Waste Destination by County

- **75%** of state waste generated in 13 county region
- **37%** of regional waste delivered to Coffin Butte

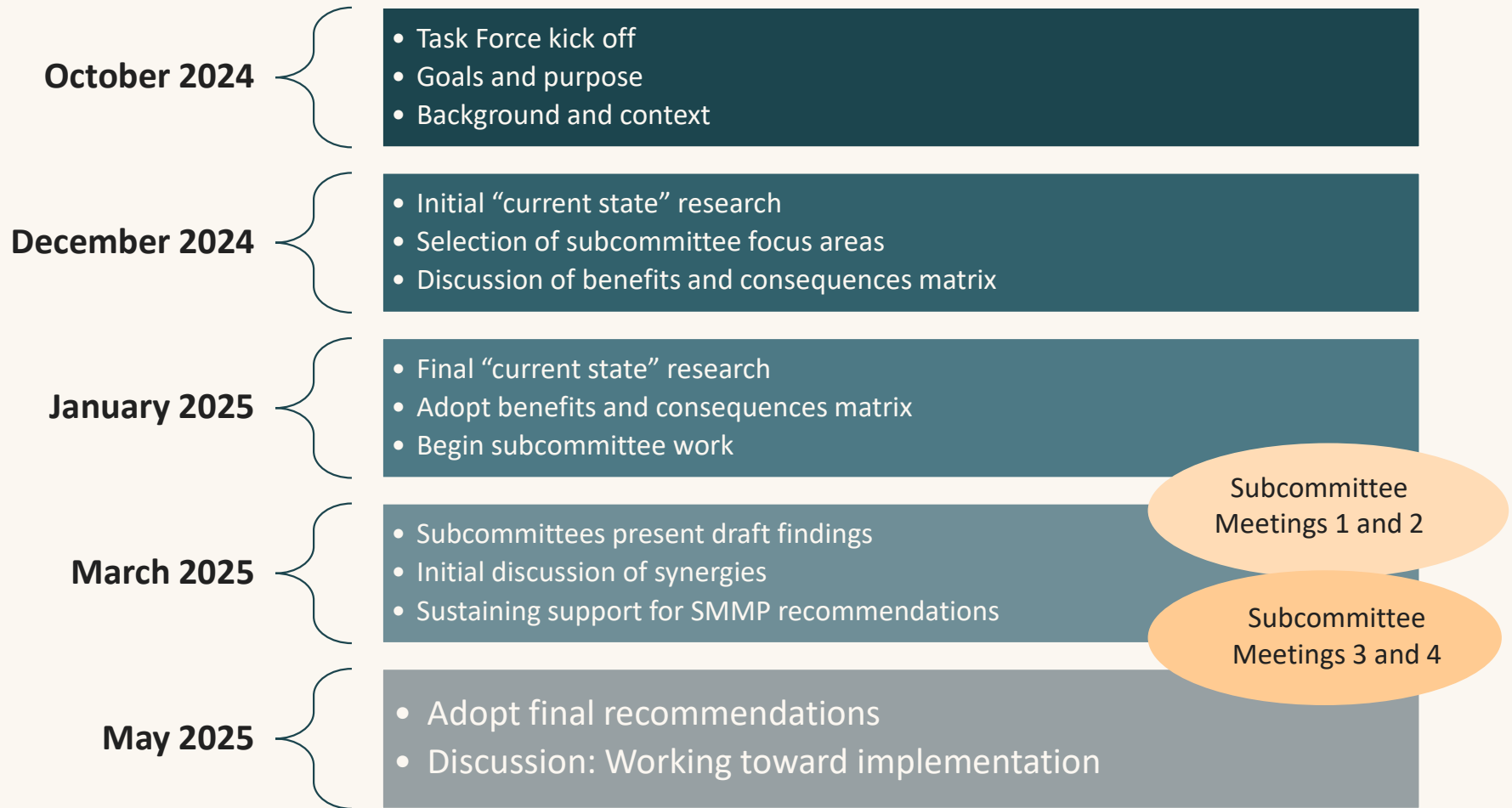


SMMP Problem Statement:

- 33% of state waste generated by 10 counties (not including Metro)
- 62% of 10 County waste transported to Coffin Butte



Task Force Timeline:



The SMMP Task Force Process

Current State

- Background and context
- Existing infrastructure and policies
- Glossary and definitions

Future State

- Desired outcomes
- Definition of success

Research

- Policy approaches
- Investments
- Partnerships
- Case studies and research

Benefits and Consequences

- Waste diversion
- Environmental impact
- Human health impact
- Economic impact

Implementation Evaluation

- Who needs to act
- Cost
- Barriers
- Timeline

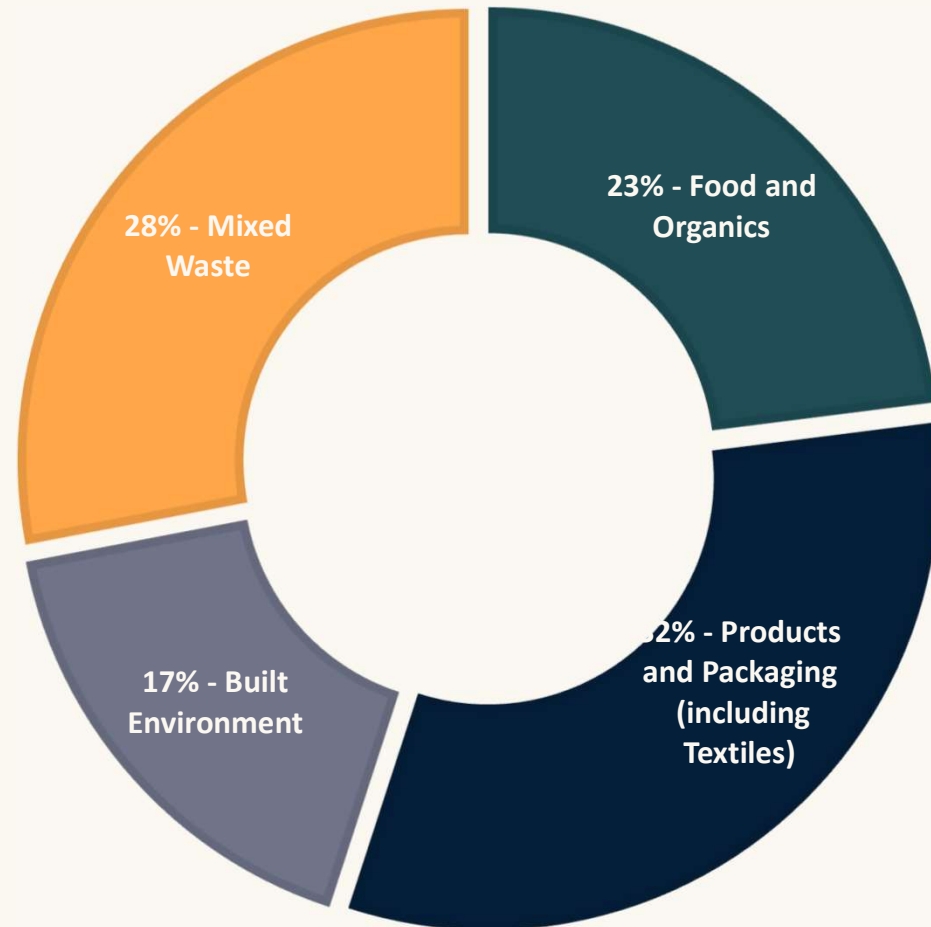
Recommendations

- Strategies in four high impact areas
- Proposed next steps and timelines to action
- Barriers that will need to be addressed

Reconsidering the “Waste” Stream

- Up to **72%** of material in the waste stream could be diverted or recovered to a higher and better “end of life” use.
- Two pathways:
 - Decrease disposal
 - Identify most sustainable options for remaining waste

RE-CHARACTERIZING WASTE



Based on analysis of 2016 OR DEQ Statewide Waste Characterization Study, Interpreted and Charted by RRS

Regional Waste Recommendation Summary

DESIRED FUTURE STATE: THE MID-NORTHWEST REGION HAS A PUBLICLY OWNED TRANSFER INFRASTRUCTURE NETWORK DESIGNED FOR RECOVERY AND WITH ACCESS TO INTERMODAL TRANSPORT.

Strategy components	Establish mechanism for lasting regional collaboration and decision making.
	Develop hub and spoke transfer network and infrastructure plan.
	Focus on areas with limited transfer infrastructure - Benton, Linn, Marion, Tillamook, Lincoln, Yamhill.
	Design transfer facilities for recovery including comprehensive recycling drop off and a reuse center (cross over with other subcommittees).
	Update logistics to be compatible with intermodal transport.
	Use facility upgrades and new publicly-owned infrastructure. Phase upgrades first while planning for new infrastructure is executed.
	Establish mechanism to guarantee inbound material to new infrastructure – necessary to secure funding.
	Target infrastructure to be operational by 2035.

Regional Waste Recommendation Package



Phase 1: Create
Regional Waste
Authority



Phase 2: Study and
Adopt a Regional
Intermodal Hub and
Spoke Network Plan



Phase 3: Finance and
Develop Publicly
Owned Transfer
Infrastructure



Food and Organics Recommendation Summary

DESIRED FUTURE STATE: THE WILLAMETTE VALLEY HAS A COORDINATED APPROACH TO SHARING BEST PRACTICES AMONG LOCAL GOVERNMENTS, NON-PROFITS AND BUSINESSES, COLLABORATING ON ENGAGEMENT CAMPAIGNS, AND IMPROVING INFRASTRUCTURE FOR FOOD WASTE PREVENTION, DONATION AND RECOVERY.

Strategy Components

Regional coordination of food waste experts and actors can result in early “wins”.

Great data and collaboration already exists but is not consolidated or focused across the region.

Waste prevention focus on commercial / institutional waste has the greatest potential for impact.

Non-profits play an important role in food donation / rescue.

Awareness plays an important role to help recognize the value and potential ROI of prevention and donation activities.

Solutions must be adaptable to get buy-in from different actors, contexts and geographies.

Infrastructure plays an important role in donation and recovery and is often a constraint.

Expand food waste recovery with commercial, then single family (SF) and multi-family (MF).

Collection, processing and marketing of compost needs to happen concurrently when focusing on recovery.

Food and Organics Recommendation Package



Built Environment Recommendation Summary

DESIRED FUTURE STATE: THE STATE AND THE MID-WILLAMETTE VALLEY REGION ARE ALIGNING STRATEGIES TO ADDRESS OREGON'S HOUSING NEEDS BY MAXIMIZING THE USE OF EXISTING STRUCTURES, BUILDING WITH LOW IMPACT MATERIALS, AND DIVERTING REUSABLE MATERIAL FROM LANDFILLS.

Strategy Components

Improve the region's potential for recovery of construction, renovation, and demolition debris.

Create partnerships and systems to aggregate recovered building materials and supply them to builders, especially for housing.

Establish statewide resources and support to assist local governments in applying adaptive building reuse approaches.

Integrate principles of adaptive reuse into state strategies, across multiple agencies, to meet statewide housing needs.

Update state building codes to incentivize the use of more sustainable materials in new construction.

Built Environment Recommendation Package



Improve infrastructure for recovery and management of construction, renovation, and demolition debris.



Integrate adaptive building reuse into state housing strategy.



Adopt policies to requiring healthier, more circular building materials.



Products and Packaging Recommendation Summary

DESIRED FUTURE STATE: THE MID-WILLAMETTE VALLEY EMPLOYS SUSTAINABLE MATERIALS MANAGEMENT STRATEGIES FOR ECONOMIC DEVELOPMENT AND COMMUNITY BENEFIT

Strategy Components

Establish hubs that offer educational programs for reuse and repair, and support reuse and repair entrepreneurs.

Establish spaces to house reuse and repair infrastructure, such as storage for reusable products and washing and sanitizing facilities.

Implement statewide policies that incentivize producers and manufacturers to design for reuse, recyclability, or environmentally benign end-of-life management of products.

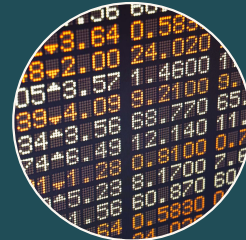
Implement statewide policies that shift the cost burden of managing products and packaging from consumers and public agencies to producers.

Establish consistent communications and outreach efforts regionally that motivate community members to buy and use more durable, reusable, repairable products and to manage them appropriately.

Products and Packaging Recommendation Package



Establish hubs for reuse infrastructure, programming, and economic development.

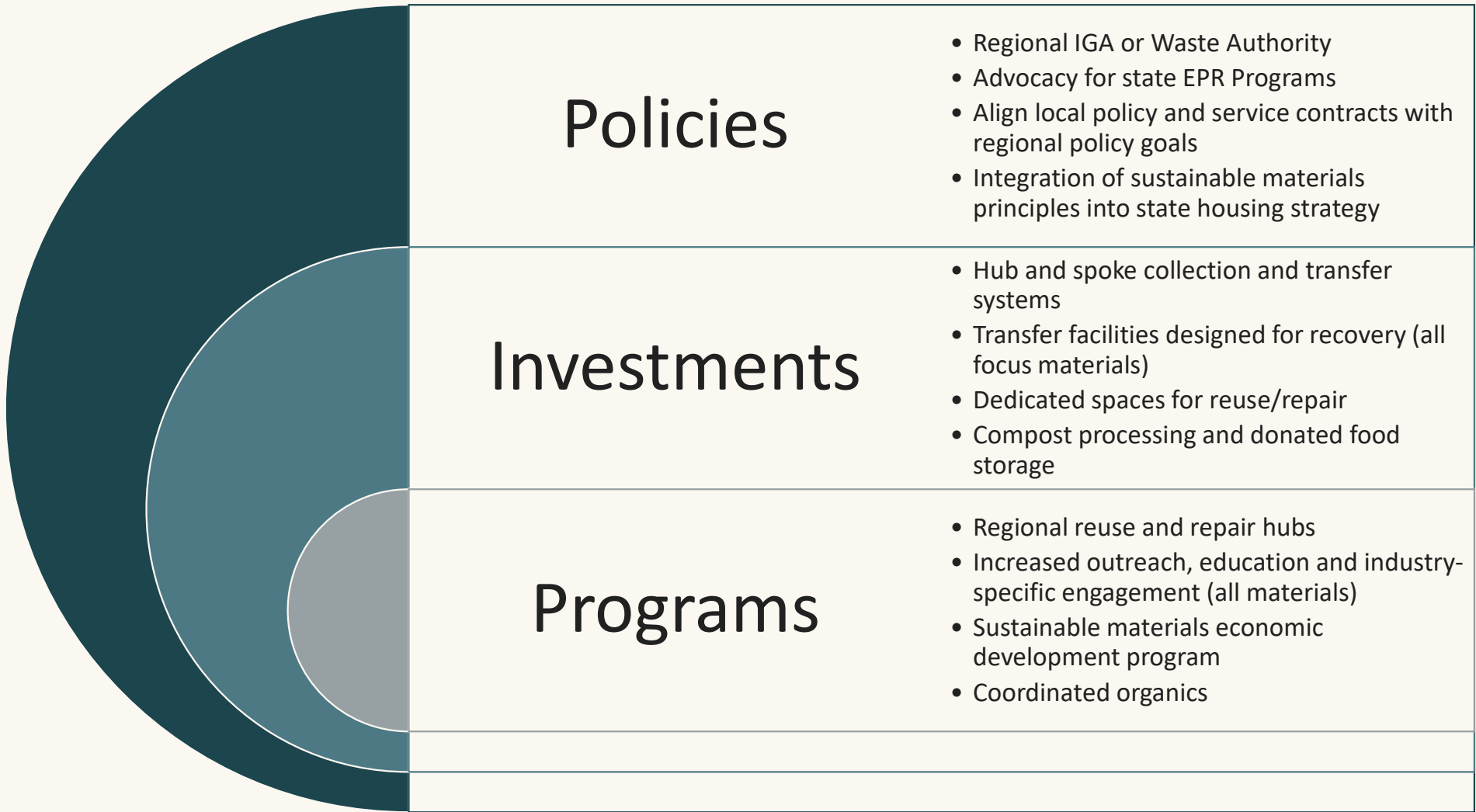


Pursue policies that shift costs of materials management to producers.



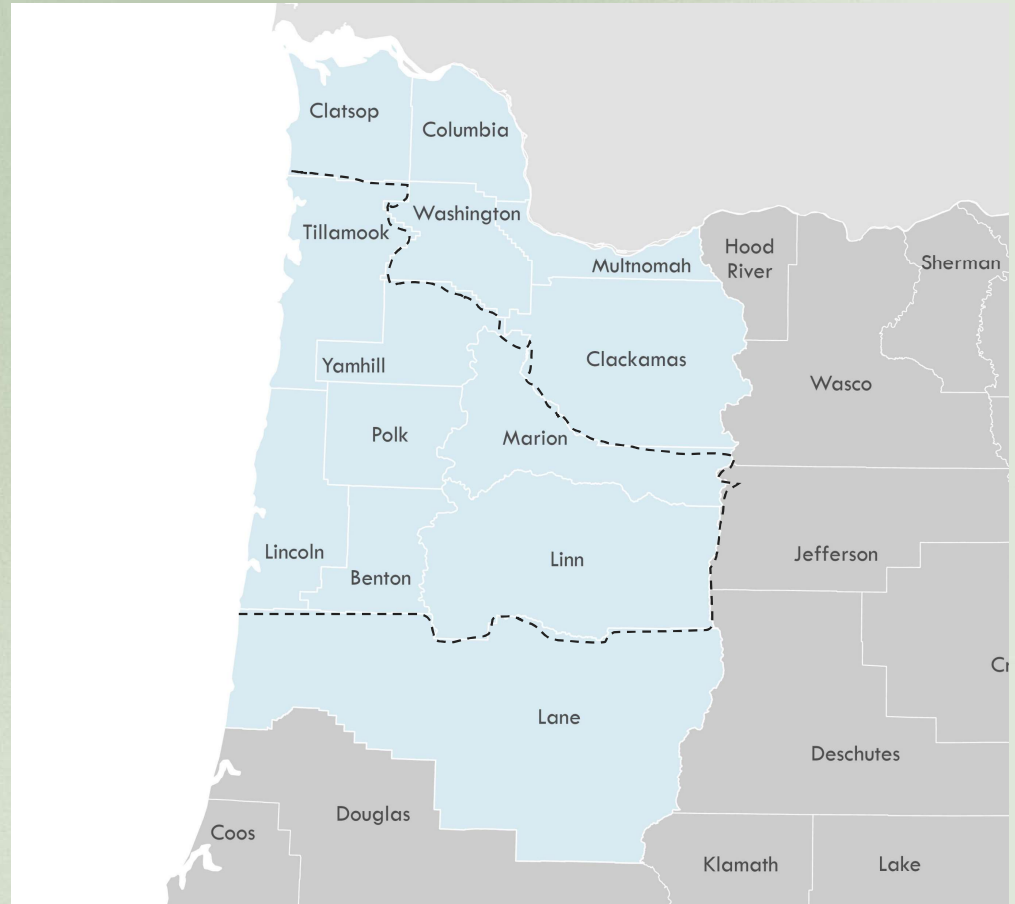
Increase collaboration and public education for recovery and reuse of bulky products.



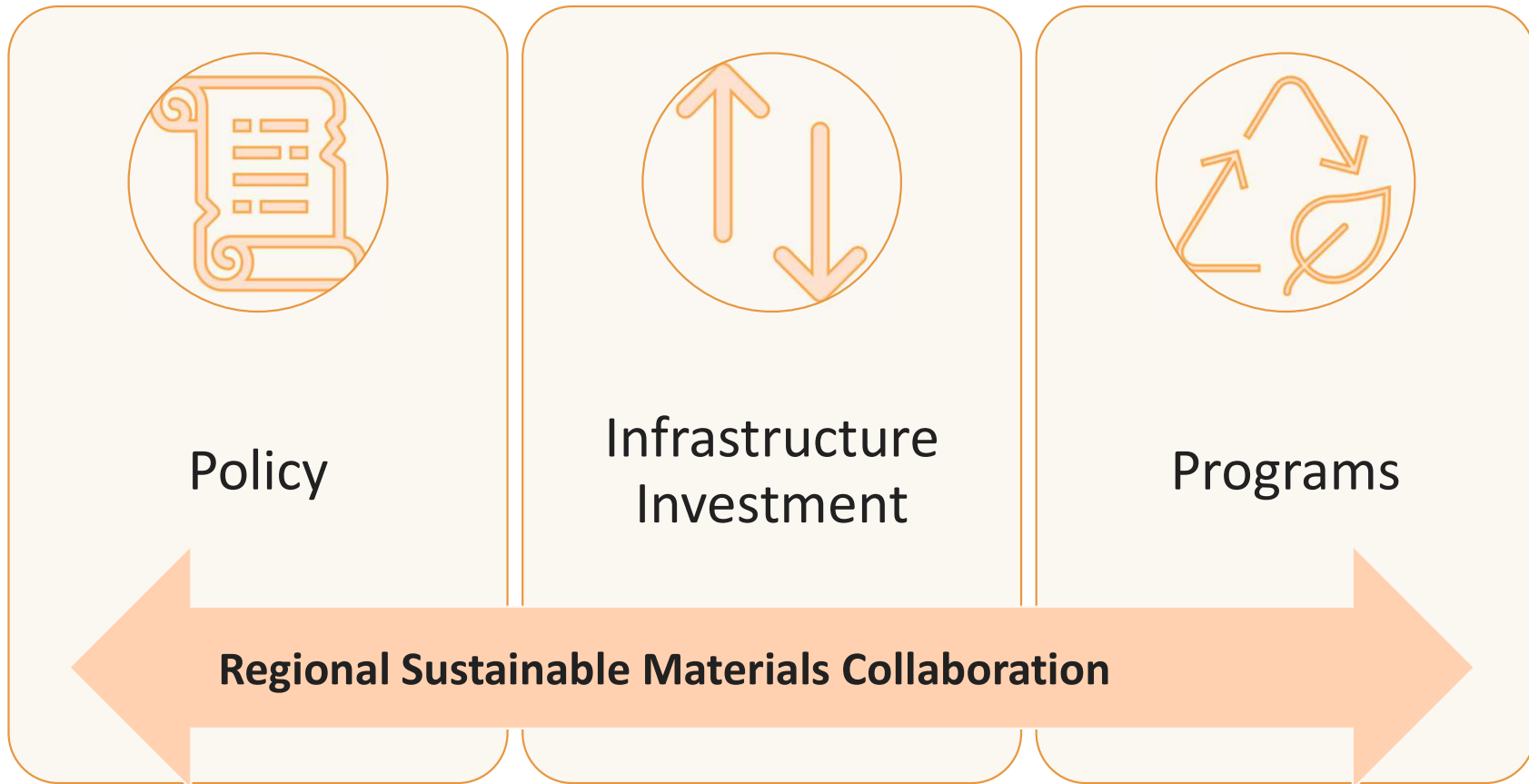


Sharpening the Focus

- “Mid Willamette Valley”
 - > Seven county regional has most critical need
- Regional resilience
 - > Potential benefits for 13 counties, and the state
- Regional collaboration for the purposes of:
 - > Long range planning
 - > Shared funding of regional infrastructure
 - > Policy leadership
 - > Programmatic support



Scenario: Formalized Regional Collaboration





**2025 SMMP
TASK FORCE**

Thank You!

TASK FORCE RECOMMENDATIONS

BENTON COUNTY, OREGON, SUSTAINABLE MATERIALS MANAGEMENT PLAN

JUNE 2025