



Recycling Update

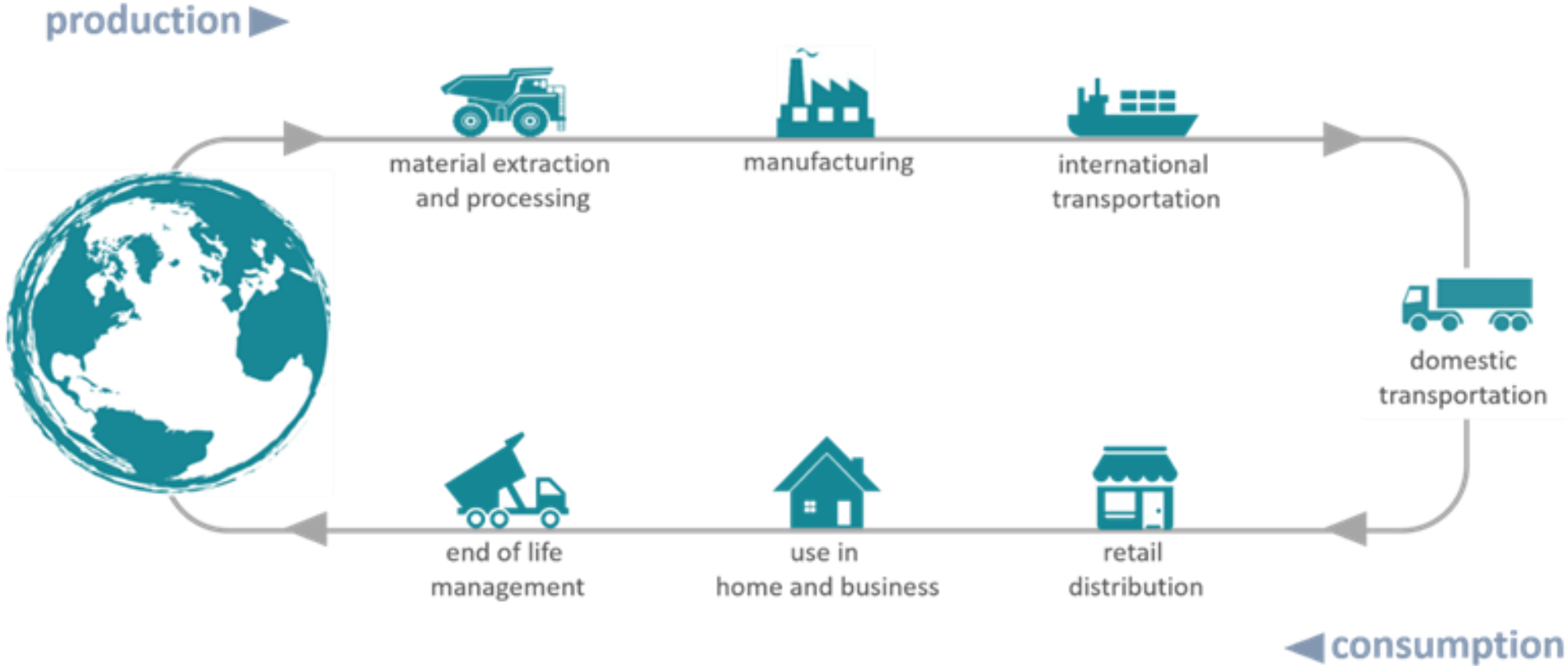
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Oregon Department of Environmental Quality
Senate Energy & Environment Committee info session
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Today's presentation

- Materials Management
- Recycling in Oregon overview
- Recycling Steering Committee and HB 2065
- EPR programs in Oregon



Materials Management



2050 Vision for Materials Management



Oregonians in 2050 produce and use materials responsibly – conserving resources, protecting the environment and living well.

*2019-2020 Materials Management Grant Recipients
(Clockwise): Oregon Coast Aquarium, Oregon Food Bank,
Metalwood Salvage and Green Lents*

Framework for Action priorities

Lifecycle Programs

- Built Environment
- Business Initiatives
- Food
- Prevention and Recovery
- Procurement
- Product Stewardship
- Sustainable Consumption
- Toxic and Hazardous Materials
- Reuse, Repair, Product Life Extension

Measurement

- Goals and Measures
- Lifecycle Assessment

Solid Waste and Recovery

- Extended Producer Responsibility
- Opportunity to Recycle
- Recovery
- Solid Waste Compliance
- Solid Waste Permitting

Community Involvement

- Communications
- Grants
- Outreach and Partnerships
- Social Equity



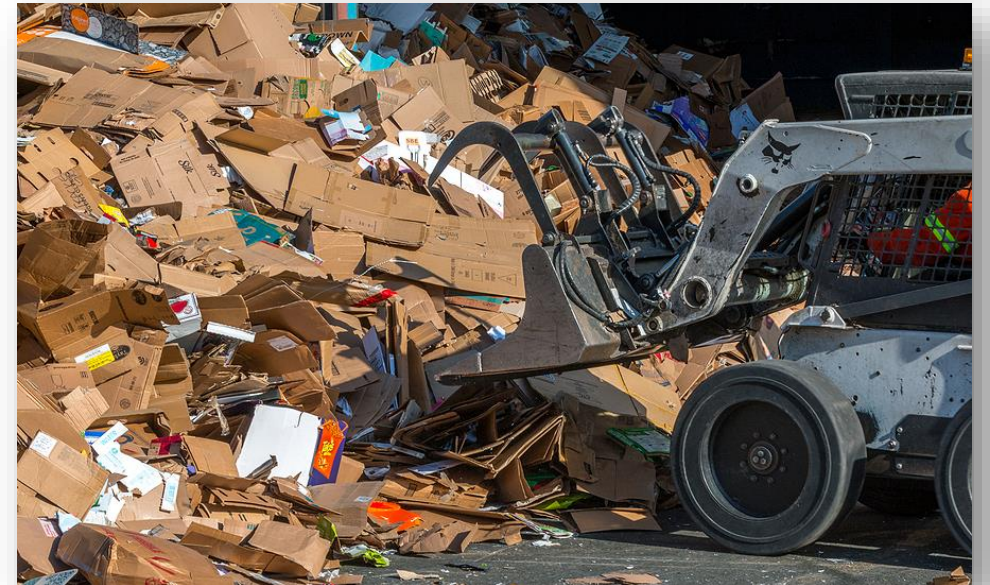
Recycling in Oregon

- Opportunity to Recycle Act passed in 1983
- Reduced greenhouse gas emissions by 3.3 million metric tons of CO₂ equivalents (2018)
- Recovery goal: 52% by 2020
 - Current recovery rate: 41% (2018)



Recycling system issues

- Public confusion
- Increased contamination
- Higher costs passed on to ratepayers
- Lack of access to recycling, especially in apartments and rural areas
- No assurance of responsible recycling
- Insufficient involvement from brands and manufacturers



Recycling Steering Committee

Purpose:

- Optimize the environmental benefits of managing materials using a life cycle perspective.
- Create a resilient recovery system that can adapt to changes in supply and demand.
- Restore and maintain public trust in the system.



HB 2065 – Modernizing Oregon Recycling



PRODUCERS

Finance system improvements and ensure responsible recycling



LOCAL GOVERNMENTS

Maintain local control of collection and education



COLLECTORS

Work with system partners to improve collection access



PROCESSORS

Meet new standards and send material to responsible markets



ADVISORY COUNCIL

Advise on important system elements



STATE GOVERNMENT

Provide strong oversight, enforcement and permitting

Benefits of shared responsibility



- Expand recycling programs
- Make the system easier to use
- Prevent litter
- Reduce waste in the first place
- Advance equity
- Ensure responsible recycling

Producers as partners



- Protect ratepayers from increased costs
- Control and influence product design and labeling
- Drive demand for recycled content
- Maintain level playing field for in-state businesses
- Involved in discussions about HB 2065

Extended producer responsibility

Environmental management strategy for minimizing a product's environmental, health, safety and social impacts throughout all stages of the product's life.



**OREGON
Bottle Bill**



Components of EPR programs

- Statutory requirements, such as:
 - Establish convenient system
 - Ensure environmentally sound management
 - Fund program
 - Report annually
- Producer responsibility organization(s)
- Program plans
- Agency oversight

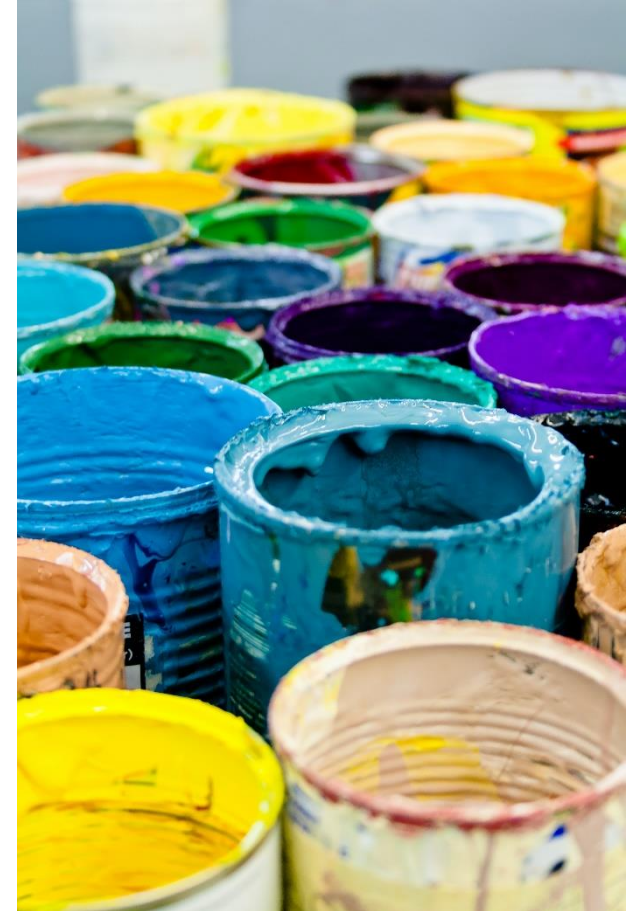
Oregon E-Cycles

- Covered products: Computers, monitors, TVs, printers, keyboards, mice
- Stewardship organizations:
 1. State Contractor Program (National Center for Electronics Recycling)
 2. Manufacturers Recycling Management (MRM)
- Year established: 2007
- Collected over 268 million pounds of electronic devices (since 2009)



Paint

- Covered products: Architectural paint and other coatings
- Year established: 2009
- Stewardship organization: PaintCare
- Collected over 6.1 million gallons of leftover paint (2010-2019)



Drug Take-Back

- Year established: 2019
- Covered products: Prescription and non-prescription drugs, drugs marketed under a brand or generic names, combination products
- Program plan review in progress
- Implementation scheduled to begin in July 2021



Bottle Bill

- Covered products:
 - Water, carbonated beverages, beer and malt beverages, kombucha and hard seltzer – 3 liters or less
 - Other non-alcoholic beverages (like tea, coffee, juice), other alcoholic beverages (like hard cider), marijuana and hemp beverages – 4 oz to 1.5 liters
- Year established: 1971
- Stewardship organization: Oregon Beverage Recycling Cooperative (OBRC)
- Over 80% redemption rate



Photo from obrc.com



Thank you

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More information:

<https://www.oregon.gov/deq/mm>