



# Oregon's 2050 Vision for Materials Management

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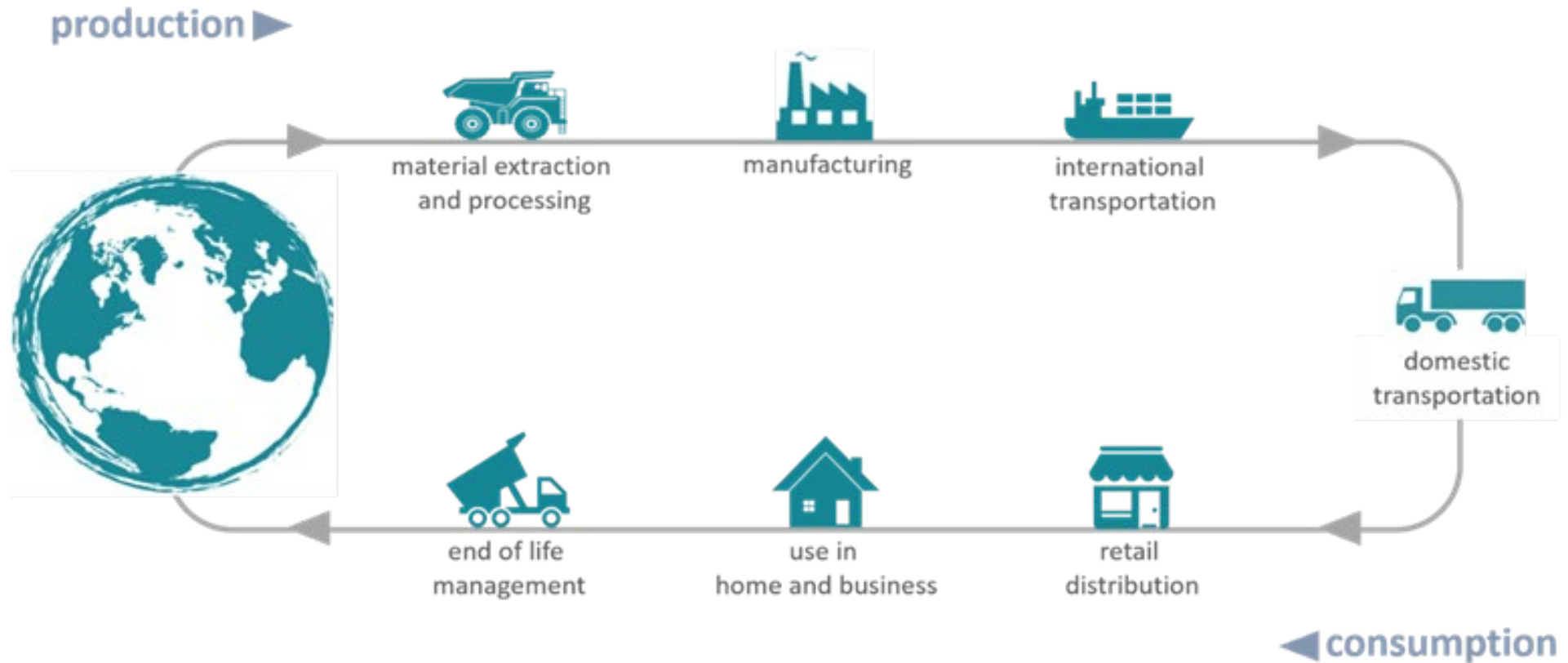
Oregon Department of Environmental Quality

House Committee on Energy & Environment

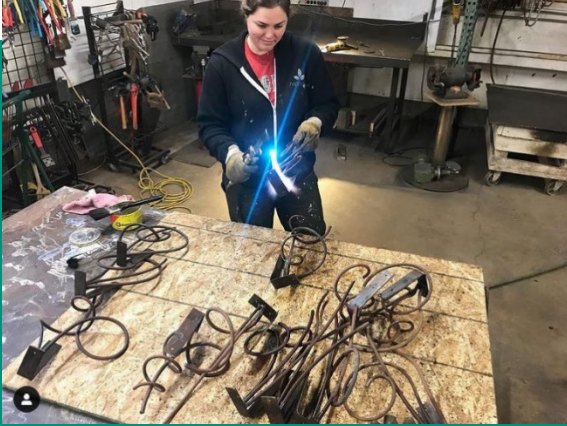
May 10, 2021



# Materials Management



# 2050 Vision for Materials Management



*Oregonians in 2050 produce and use materials responsibly – conserving resources, protecting the environment and enhancing wellbeing.*

Materials Management grant recipients (Clockwise): Metalwood Salvage; Sustainable Northwest and Wallowa Resources; and Community Warehouse



# Priorities

## Life Cycle Programs

Built Environment

Business Initiatives

Food –  
Prevention and Recovery

Procurement

Product Stewardship

Repair, Reuse and Product Life  
Extension

Sustainable Consumption

Toxic and Hazardous Materials

## Measurement

Goals and Measures

Life Cycle Assessment

## Solid Waste & Recovery

Extended Producer  
Responsibility

Opportunity to Recycle

Recycling & Composting

Solid Waste Compliance

Solid Waste Permitting

## Community Involvement

Communications

Grants

Outreach and Partnerships

Social Equity

## Emerging Priorities

# Built Environment – Impacts

Responsible for nearly **one-third** of Oregon's GHG emissions

Makes up about **one-third** of Oregon's waste stream

**Health impacts** are significant and affect some more than others



# Built Environment – Project Highlights



## Concrete Environmental Product Declarations (EPDs)

Third party verified product footprints that report on a variety of environmental impact categories

# Built Environment – Project Highlights



State building carbon  
reduction  
(Executive Order  
17-20)



# 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.





# Components of EPR programs

## Statutory requirements

- Establish convenient system
- Ensure environmentally sound management
- Fund program
- Report annually

## Stewardship organizations

Meets requirements of the law on behalf of producer members

## Program plans

Reviewed and approved by oversight entity

## Agency oversight

Provides enforcement, auditing and compliance where needed

# Oregon E-Cycles

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



# Paint

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- 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

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



# Drug Take-Back

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- Permanent, year-round collection:
  - Drop-off sites
  - Mail-back services
- Drugs will be destroyed
- Education and outreach
- Biennial survey



# EPR bills in Ways and Means

**SB 582: Modernizing Recycling**



**SB 570: EPR for Mattresses**



**HB 2955: EPR for HHW**







# Thank you

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