



Oregon's 2050 Vision for Materials Management

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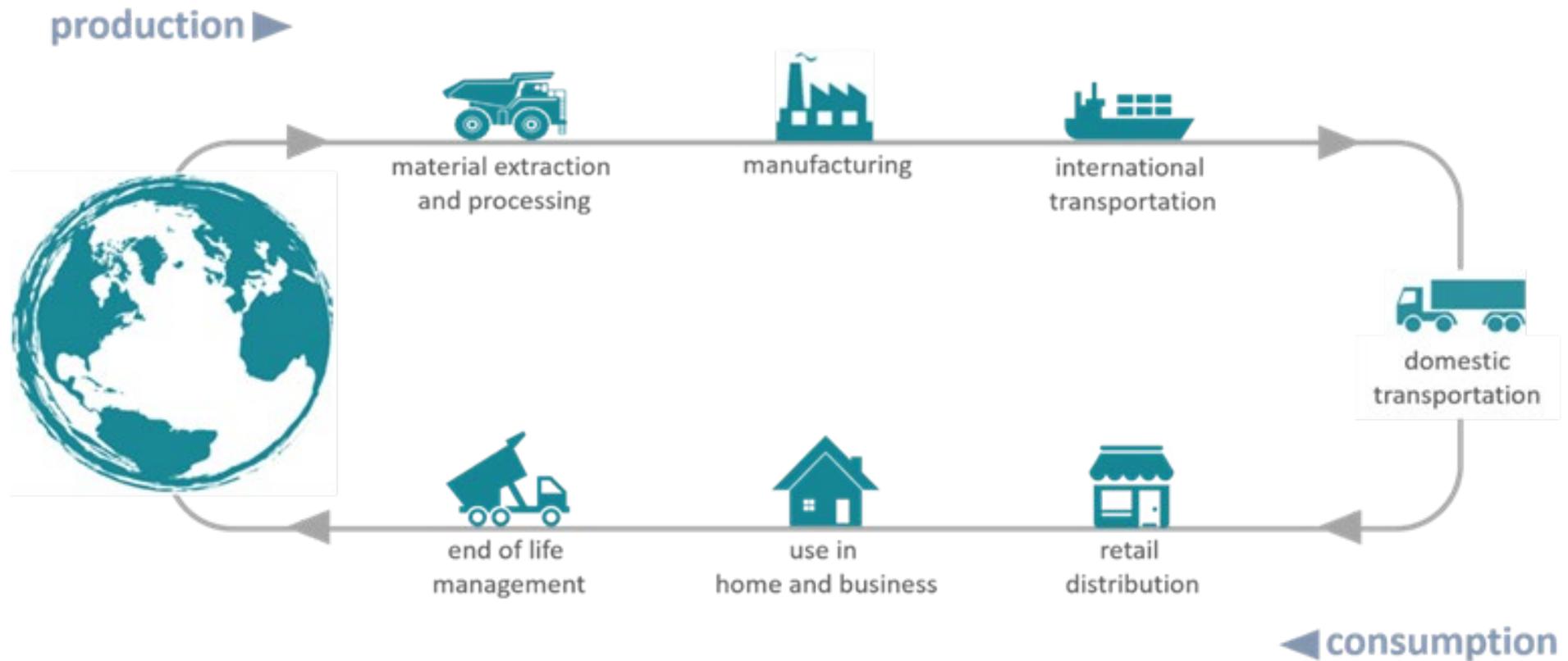
Oregon Department of Environmental Quality

House Committee on Energy & Environment

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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

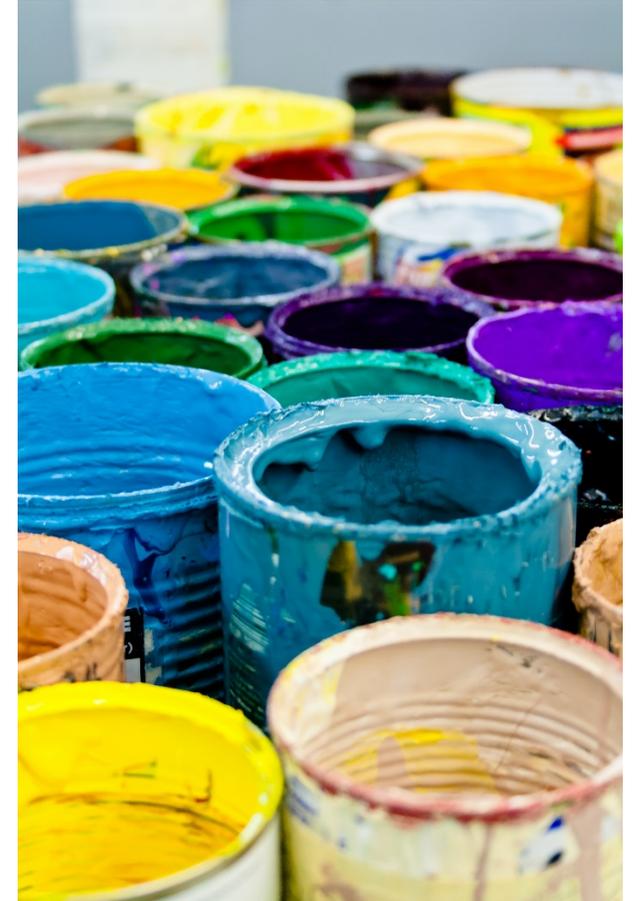
Oregon E-Cycles

- 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

- 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, brand-name or generic drugs,
- Program plan review in progress
- Implementation scheduled to begin in July 2021



Drug Take-Back

- 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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