



# Senate Bill 582

The Plastic Pollution and Recycling  
Modernization Act (RMA)

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What the RMA means for Tualatin

Presented by

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# Oregon Recycling History 101

**1983: Opportunity to Recycle Act (ORS 459A)**

**1991: Oregon Recycling Act (Senate Bill 66)**

Established recycling standards for rigid plastic containers

New Statewide goal of 50% recovery by 2000

Established 8 DEQ Program Elements



# Oregon Recycling History 101

## **2015: Opportunity to Recycle: Goal and Recovery Rate Updates** (Senate Bill 263)

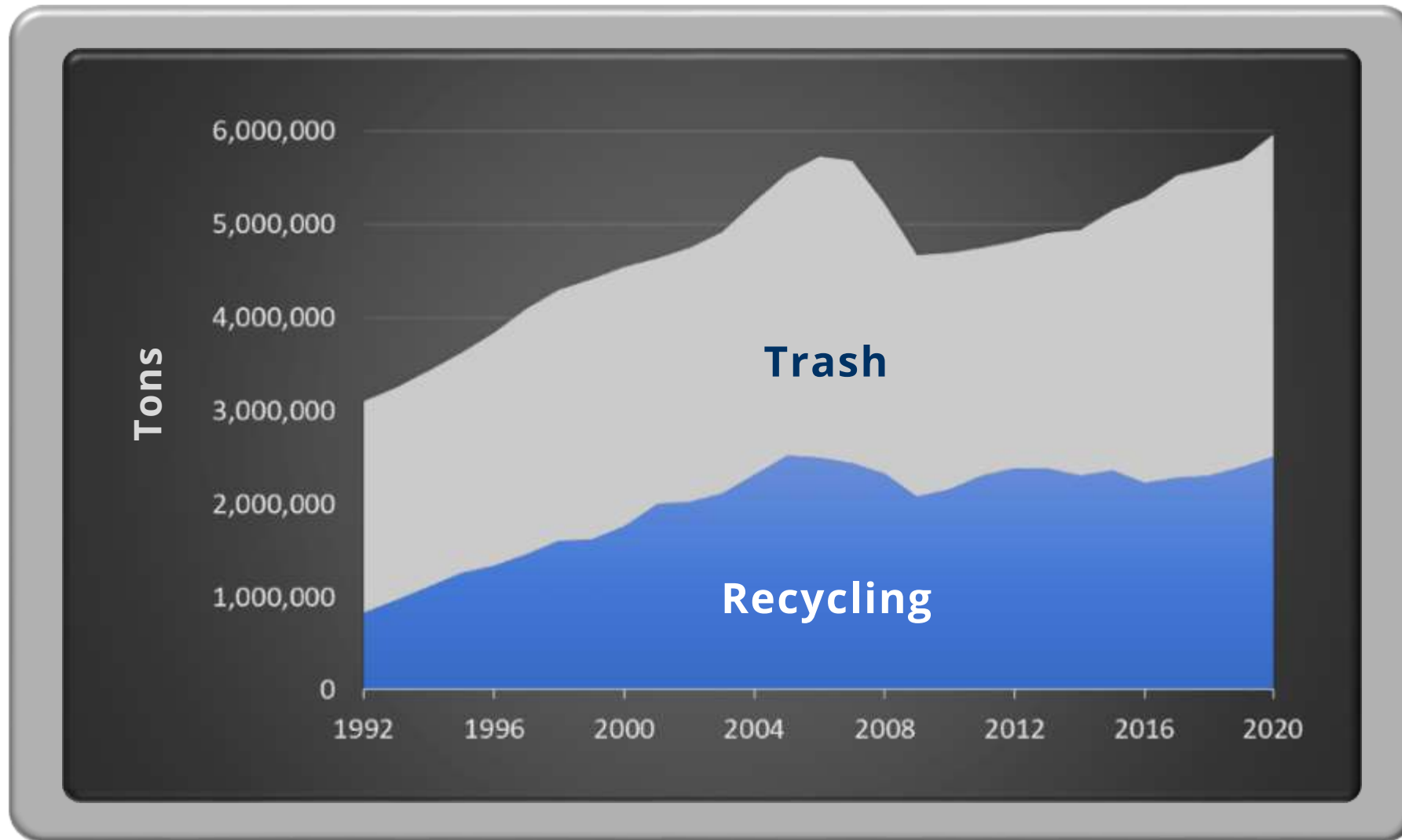
DEQ Program Elements went from 9 to 13  
Added 7 New Waste Prevention Programs

## **2021: Recycling Modernization Act** (Senate Bill 582)

One State-Wide Collection List  
Extended Producer Responsibility  
Uniform Outreach and Education Materials



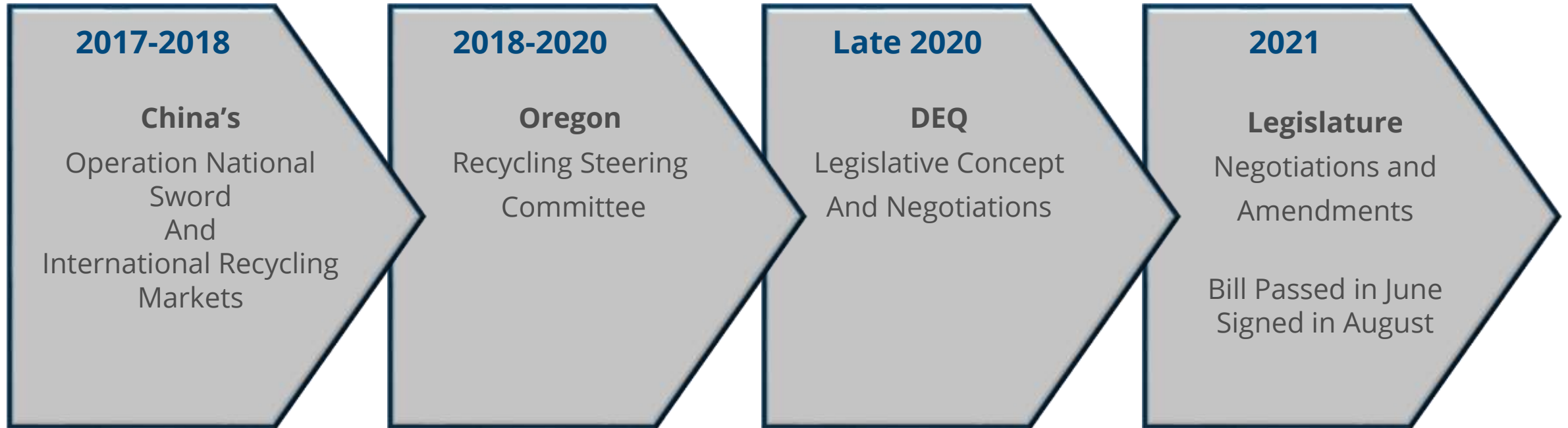
# Oregon Recycling History 101



# Oregon Recycling History 101



# RMA History 101



# What is Extended Producer Responsibility (EPR)



# Producer Responsible Organizations

## Producers and Producer Responsibility Organizations

### Producers:

Companies identified as 'Producers' are required to join and pay fees to a Producer Responsibility Organization, or PRO.

### Producer Responsibility Organization:

A PRO is a non-profit organization and will be established to administer the statewide program for the management of the covered products. The PRO will use the fees to fund recycling system improvements in communities across Oregon.

## Local governments

The RMA creates new funding mechanisms for local governments, who will continue overseeing collection and will receive financial support to expand recycling services and address contamination. The law includes funding to support the creation of:

- New resources to reduce contamination found in the commingled recycling stream.
- New educational resources about the uniform statewide collection list that are culturally responsive and available in multiple languages
- Opportunities to improve and expand existing recycling services and to implement recycling services for communities that do not currently have on-route collection or depot collection.

## Collection and processing

Under the new law:

- **DEQ** will publish a uniform statewide collection list for commingled recyclable material, allowing residents and businesses to recycle the same material, regardless of location.
- **PRO** funding will cover the costs of transporting collected recyclables from communities currently 50+ miles from the nearest commingled recycling processing facility or responsible end market.
- **Commingled recycling processing facilities** will meet new performance standards for material quality, reporting, and providing a living wage and supportive benefits to workers, among other things.

## Current PROs

Paint

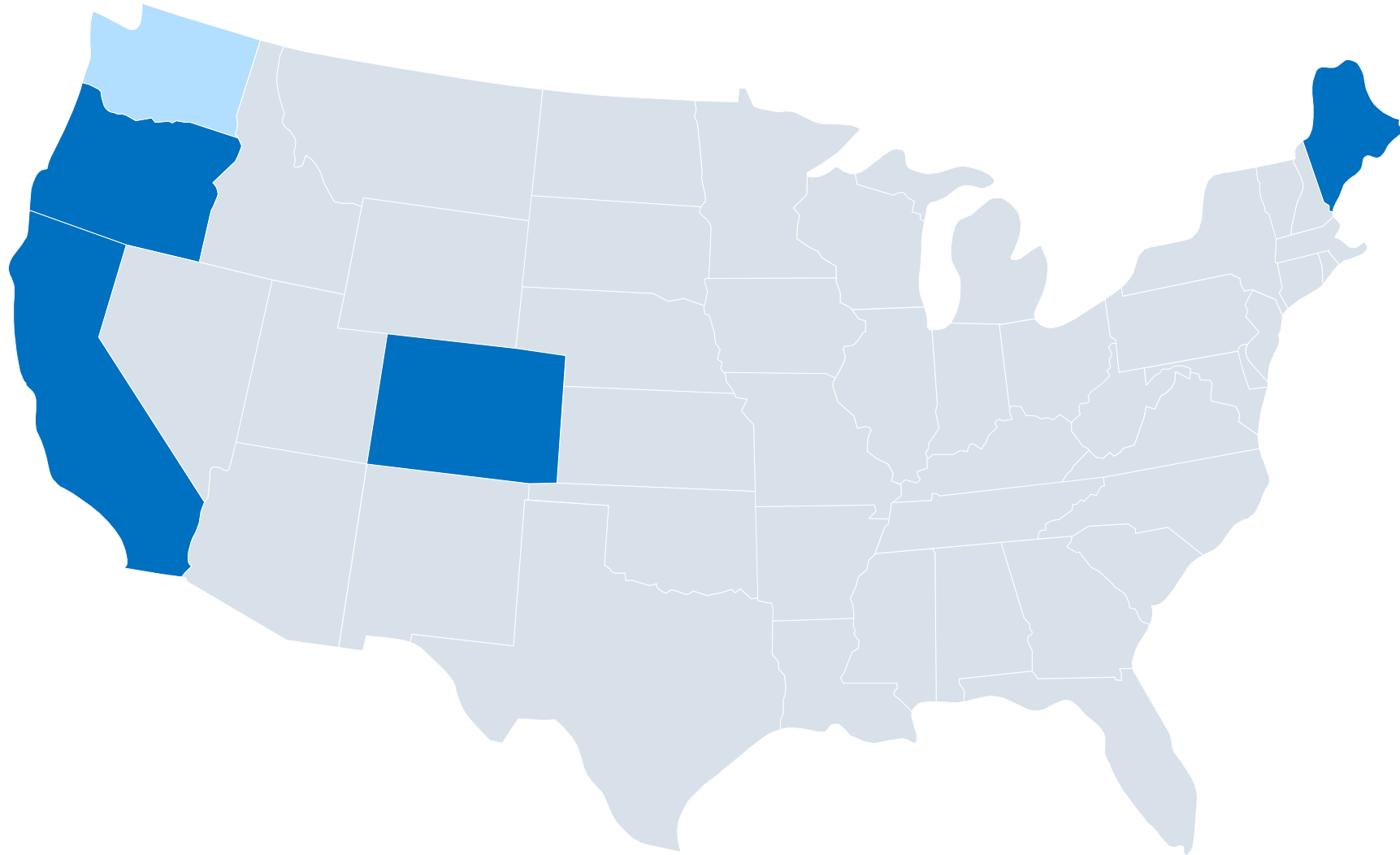
e-Waste

Medication







Mattresses\*



# States with EPR Legislation



# New Uniform Statewide Collection List – Draft 2

Corrugated cardboard (uncoated and recycle-compatible coated; clean pizza boxes OK)		All kraft paper (brown paper bags, mailers)	
Paperboard packaging (e.g., cereal, cracker and medicine boxes)		Molded pulp packaging (e.g., egg cartons, but not food serviceware or flower pots)	
Polycoated cartons (e.g., milk cartons), aseptic cartons.		Tissue paper used as packaging (not facial or sanitary tissue)	

Non-metalized gift wrap (no ribbons or bows)		High-grade office paper (e.g., white and colored ledger)	
Newspaper/newsprint		Magazines, catalogs and similar glossy paper	
Telephone directories		Other printing and writing paper (e.g., envelopes, "junk mail", cards)	
Paperback books		Aluminum food and beverage cans	
Steel cans, including empty/dry paint cans		Scrap metal less than 10 pounds in weight and 18 inches in length; excluding sharp items and "tangles" (e.g., bicycle chains, wire)	
Plastic tubs (e.g., cottage cheese) larger than 2 inches in two dimensions, made of PET (#1), HDPE (#2), or polypropylene (#5)		Plastic bottles larger than 2 inches in two dimensions, made of clear PET (#1), natural or colored HDPE (#2) or polypropylene (#5) (caps OK if screwed on)	
Plastic buckets, pails, storage containers and other bulky HDPE (#2) or polypropylene (#5) plastic packaging that fit loosely in the provided on-route collection container		Nursery (plant) packaging: HDPE (#2) and PP (#5) only	




# New Uniform Statewide Collection List – Draft 2

**Only at depots and collected segregated from other materials (not commingled):**

<p>Motor oil</p> 	<p>Scrap metal including large appliances and other items not on the Uniform Statewide Collection List</p> 
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**Metro region only:**

<p>Glass packaging (bottles, jars): non-residential on-route only</p>	
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# PRO Covered Materials – Draft 2

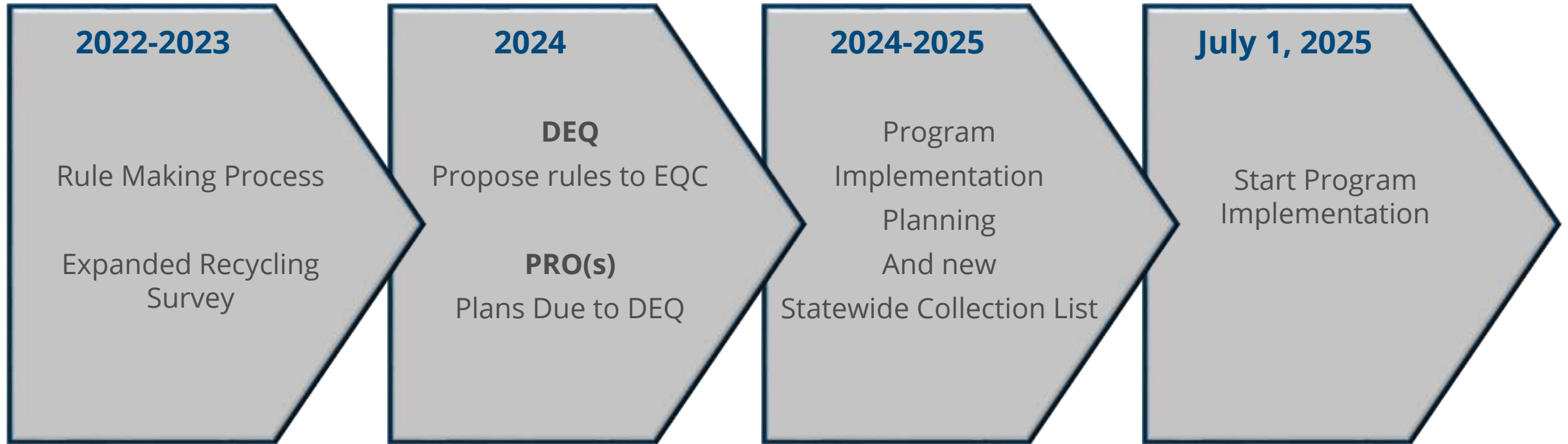
DEQ requires producer responsibility organizations to provide for the recycling of the following materials:

<p>Steel and aluminum aerosol packaging</p> 	<p>Single-use liquid fuel canisters and other pressurized cylinders</p> 
<p>Aluminum foil and pressed foil products</p> 	<p>Glass packaging (e.g., bottles and jars)</p> 
<p>Shredded paper</p> 	<p>Polyethylene film</p> 
<p>Plastic buckets and other bulky HDPE (#2) or polypropylene (#5) packaging</p> 	<p>HDPE package handles (such as 6-pack handles)</p> 

<p>Polyethylene and polypropylene lids</p> 	<p>Block white expanded polystyrene</p> 
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## Depot Collection Proposed

# Moving Forward



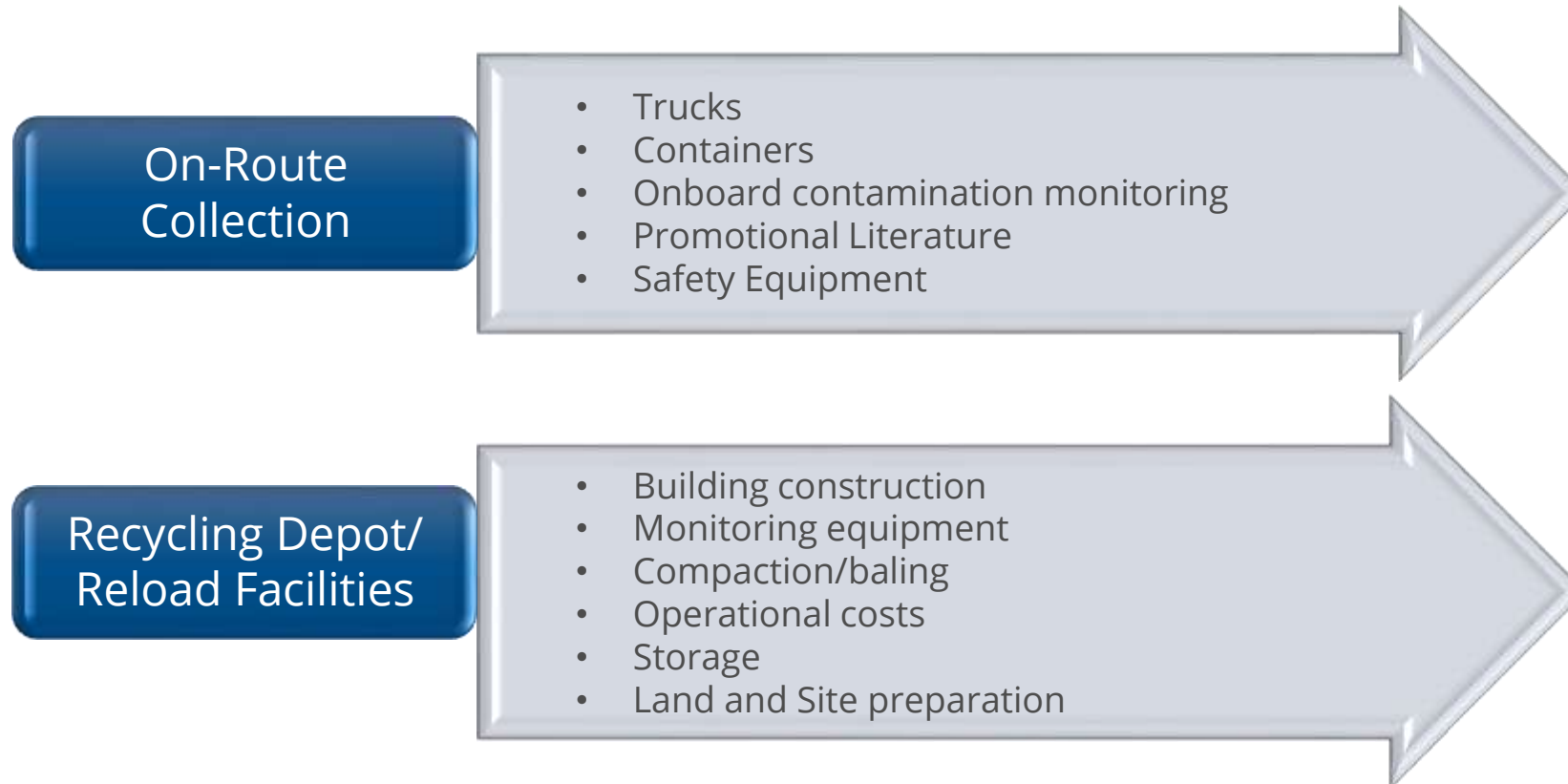
# DEQ Needs Assessment Survey



Sent to all Oregon cities, ran January 2023 – April 2023

Determine need/desire to expand recycling opportunities to residents

Most cities responded, those that didn't must wait until 2027 to apply for state funding



# Contamination Management Fee

Paid by PRO to compensate facilities for the costs of removing and disposing of covered products that are contaminants.



# Contamination Management Fee



As determined by the joint Processor Commodity Risk Fee and Contamination Management Fee study undertaken by Crowe LLP, the Contamination Management Fee to be paid by producer responsibility organizations to commingled recycling processing facilities to compensate the facilities for the costs of removing and disposing of covered products that are contaminants shall be paid as follows:

- At a rate of \$374 per ton for the 2025 and 2026 program years (July 1, 2025 – Dec. 31, 2026);
- At a rate of \$476 per ton for the 2027 program year (January 1, 2027 – December 31, 2027);
- \$246 per ton for the 2028 program year (Jan. 1, 2028 – Dec. 31, 2028) and all years thereafter (until updated by rule).



# Processor Commodity Risk Fee

Paid by PROs to commingled recycling processing facilities to ensure that producers share in the costs of fully processing commingled recyclables that are covered products to allow local governments to reduce the financial impacts on rate payers.

## Allowable costs

- Sorting
- Handling
- Disposal
- Marketing and shipping
- Administration
- Rent
- Fees
- Depreciation
- Fixed costs
- Profit
- Target price paid for commingled recycling collected from Oregon
- Anticipated program costs

## Non-allowable costs

- Charitable contributions
- Costs reimburse by PRO
- Fines/penalties
- Inbound transportation
- Litigation
- Lobbying
- Promotional items increasing scrap value
- Royalty expense
- Revenue from sale of recyclables to end markets
- Settlements
- Taxes
- Grants

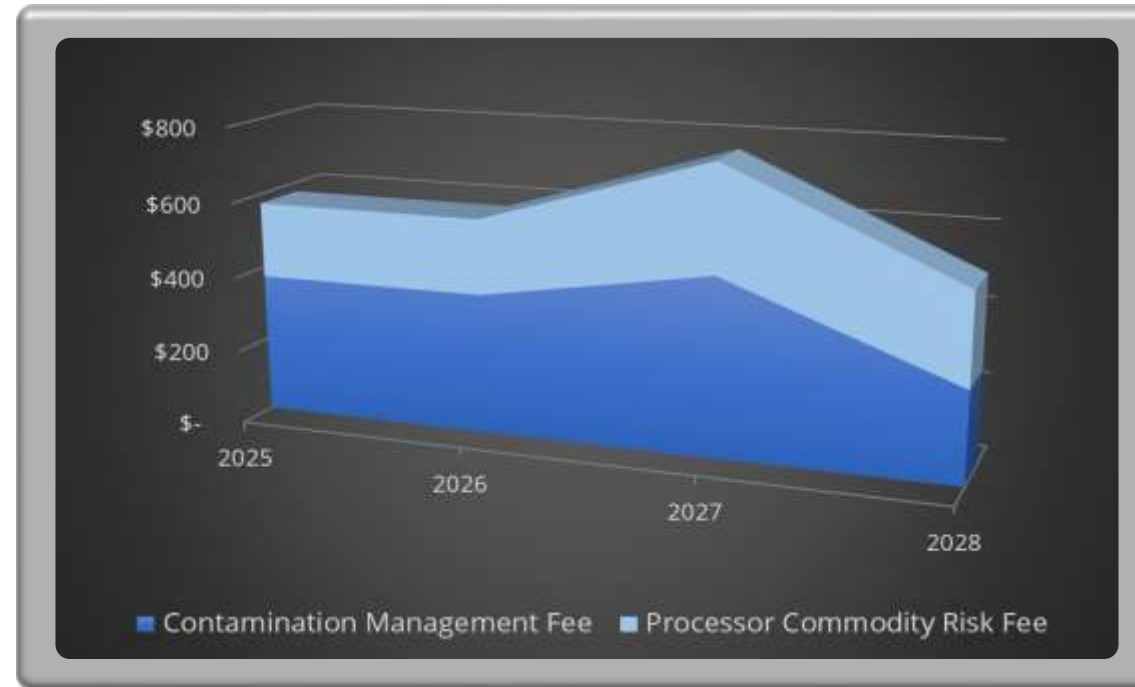
# Processor Commodity Risk Fee



Based on the most recent draft of the Processor Commodity Risk Fee and Contamination Management Fee study conducted by Crowe LLP, the statewide, per-ton average eligible processing cost at commingled recycling processing facilities that process commingled recycling generated in Oregon is currently recommended to be:

- \$201 per ton for the 2025 and 2026 program years (July 1, 2025 – Dec. 31, 2026);
- \$287 per ton for the 2027 program year (Jan. 1, 2027 – Dec. 31, 2027); and
- \$246 per ton for the 2028 program year (Jan. 1, 2028 – Dec. 31, 2028) and all years thereafter (until updated by rule).

# What might those two fees look like?



	2025	2026	2027	2028
Contamination Management Fee	\$ 374	\$ 374	\$ 476	\$ 246
Processor Commodity Risk Fee	\$ 201	\$ 201	\$ 287	\$ 246
Totals (per ton):	\$ 575	\$ 575	\$ 763	\$ 492
2021 tons recovered: 244,7267	\$ 1,407,178,525	\$ 1,407,178,525	\$ 1,867,264,721	\$ 1,204,055,364

# Processor Permit and Certification

Requires Recycling Processors send material to responsible end markets

Out-of-state processors must be certified

Workers required to pay living wage

Regular audits to ensure compliance with permits



# Depots

Greater public access to depots, target density to match US post offices

Regulated Depots will be required to take all items from the USCL

PROs will help fund depot expansions as identified in the needs assessment



# Outreach and Standardized Public Education

## **PROs will be required to:**

- Produce all education materials for Oregon Customers
  - This includes all language translation work
  - Multi-media and paper materials available free of charge
- Standardization of Outreach Materials

# DEQ Contacts

## Regional Specialist Contact Information

Eastern Region		
Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Milton-Freewater, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco and Wheeler	Laurie Gordon	Office: 541-633-2029 Cell: 541-408-7842 <a href="mailto:Laurie.Gordon@deq.oregon.gov">Laurie.Gordon@deq.oregon.gov</a>
Northwest Region		
Clatsop, Clackamas, Multnomah and Washington	Lexi Meek	Office: 503-229-5790 Cell: 503-319-5681 <a href="mailto:Lexi.Meek@deq.oregon.gov">Lexi.Meek@deq.oregon.gov</a>
Columbia, Tillamook Clackamas, Multnomah and Washington	Gretchen Sandau	Cell: 503-915-6786 <a href="mailto:Gretchen.Sandau@deq.oregon.gov">Gretchen.Sandau@deq.oregon.gov</a>
Western Region		
Coos, Curry, Douglas, Jackson, Josephine and Lane	Cathy Brown	Office: 541-687-7325 Cell: 503-753-6153 <a href="mailto:Cathy.Brown@deq.oregon.gov">Cathy.Brown@deq.oregon.gov</a>
Benton, Lincoln, Linn, Marion, Polk and Yamhill	Cat Rhoades	Office: 503-378-5089 Cell: 503-446-7410 <a href="mailto:Cathie.Rhoades@deq.oregon.gov">Cathie.Rhoades@deq.oregon.gov</a>



# Questions, Answers, and Resources

Thank You

**Travis Comfort**

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Scan for DEQ's  
**RMA** Website



[bit.ly/2023-RMA](https://bit.ly/2023-RMA)