



NLCRC

National Lubricant Container Recycling Coalition

ILMA Engage

April 2024



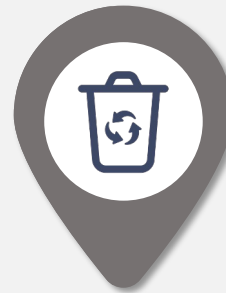
Disruption Challenges to Petroleum and Related Industries



Negative value of oil bottles due to the residual oil they contain after use



Limited availability of mainstream recycling options for oil-impacted packaging



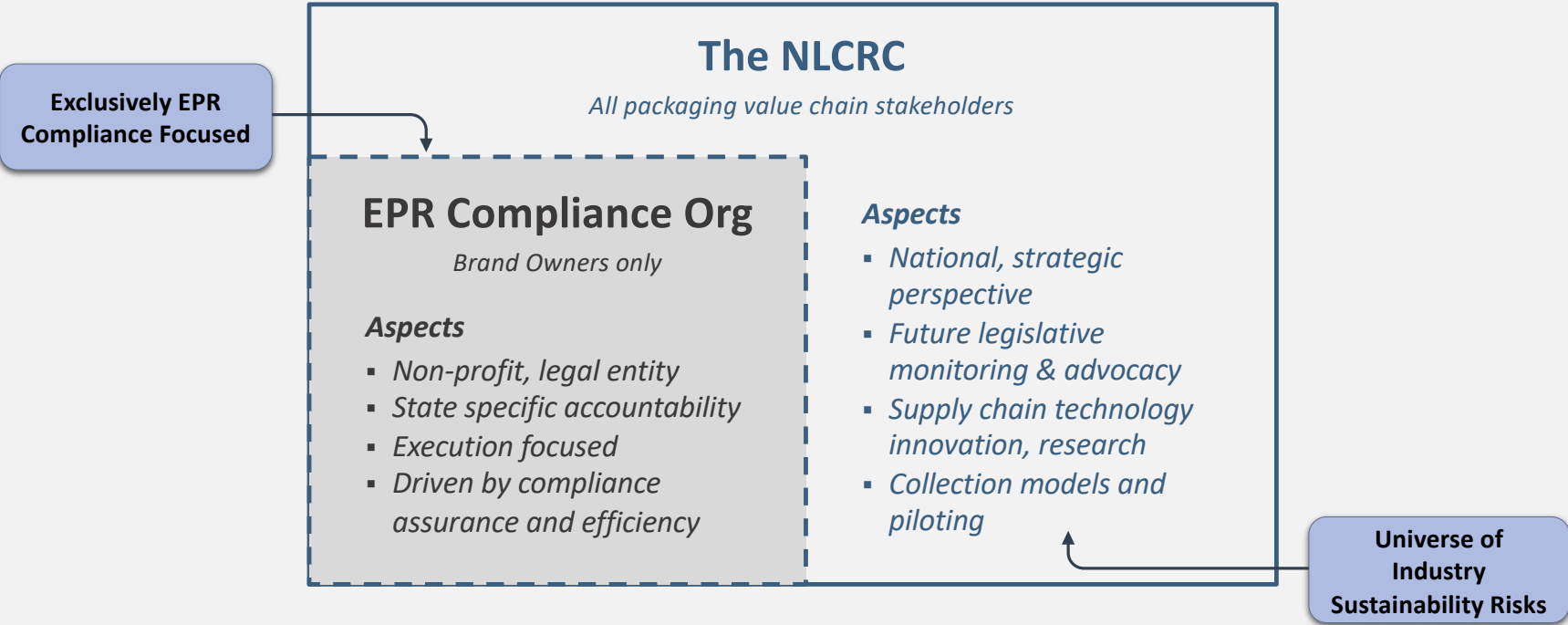
Lack of standardized processes for consumer collection and recycling – not accepted curbside



Implementation of new laws (e.g., EPR, PCR, labeling, etc.)

Collaborative Packaging Recycling Solution

Two Service Entity Approach



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Producers



Required to join a PRO and fund recycling infrastructure

Producer Responsibility Organization



Oversees the program and administers the resources for executing the program

Fee Structure



Determined by the PRO based on the packaging materials and weight sold in the state

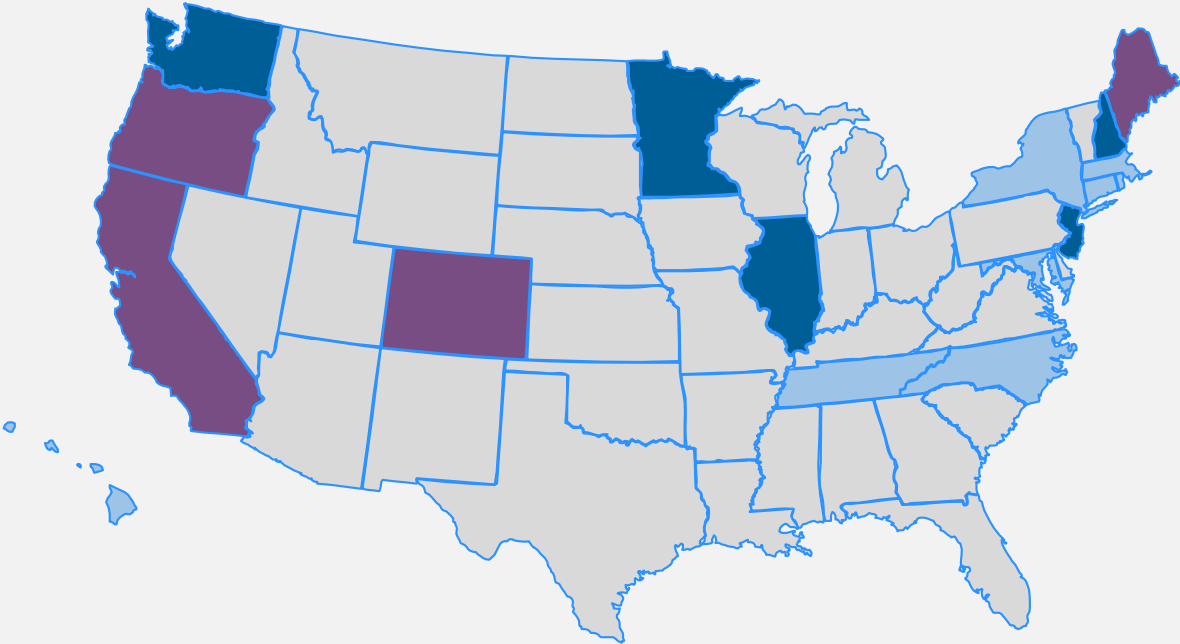
Extended Producer Responsibility

Extended Producer Responsibility laws intend to shift the financial responsibility for recycling product packaging waste to those with the greatest influence over the product's lifecycle.

Value Chain Impacts of EPR



Current U.S. Packaging EPR and Related Legislation

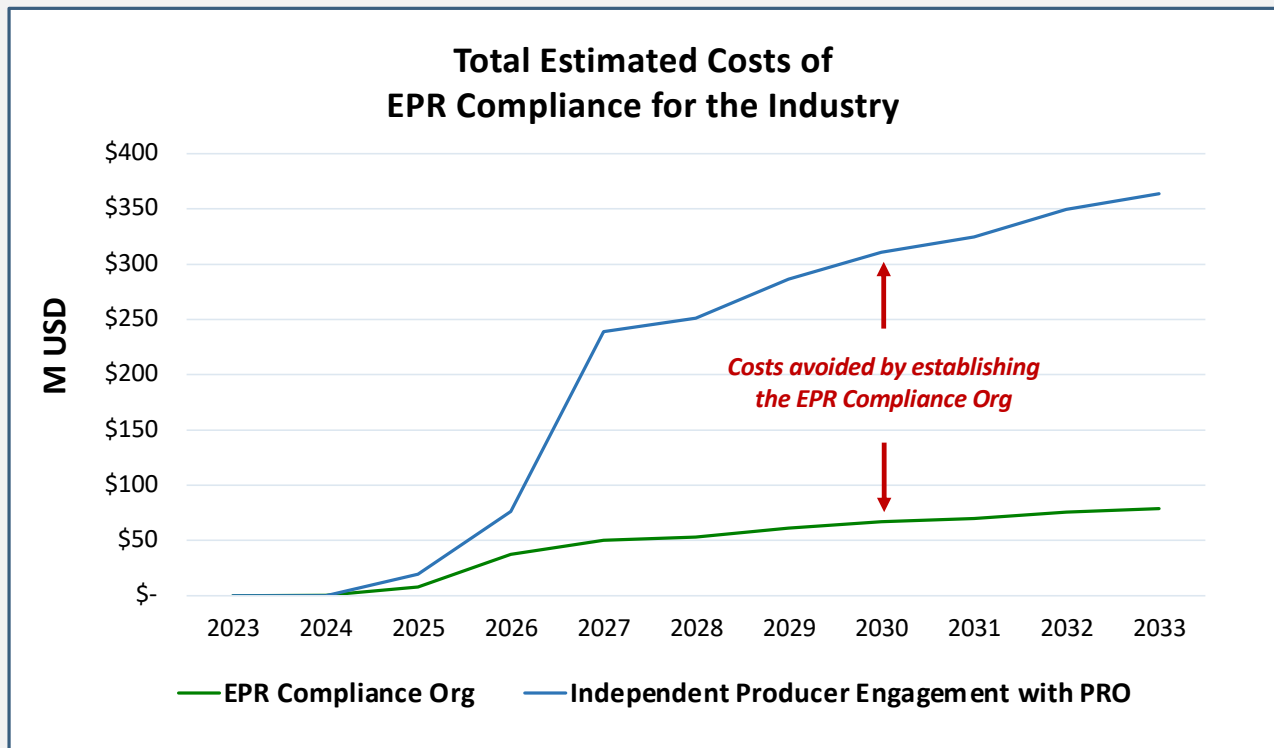


- Existing EPR Laws
- Active EPR bills (2024)
- Past, Proposed EPR Bills (2023)

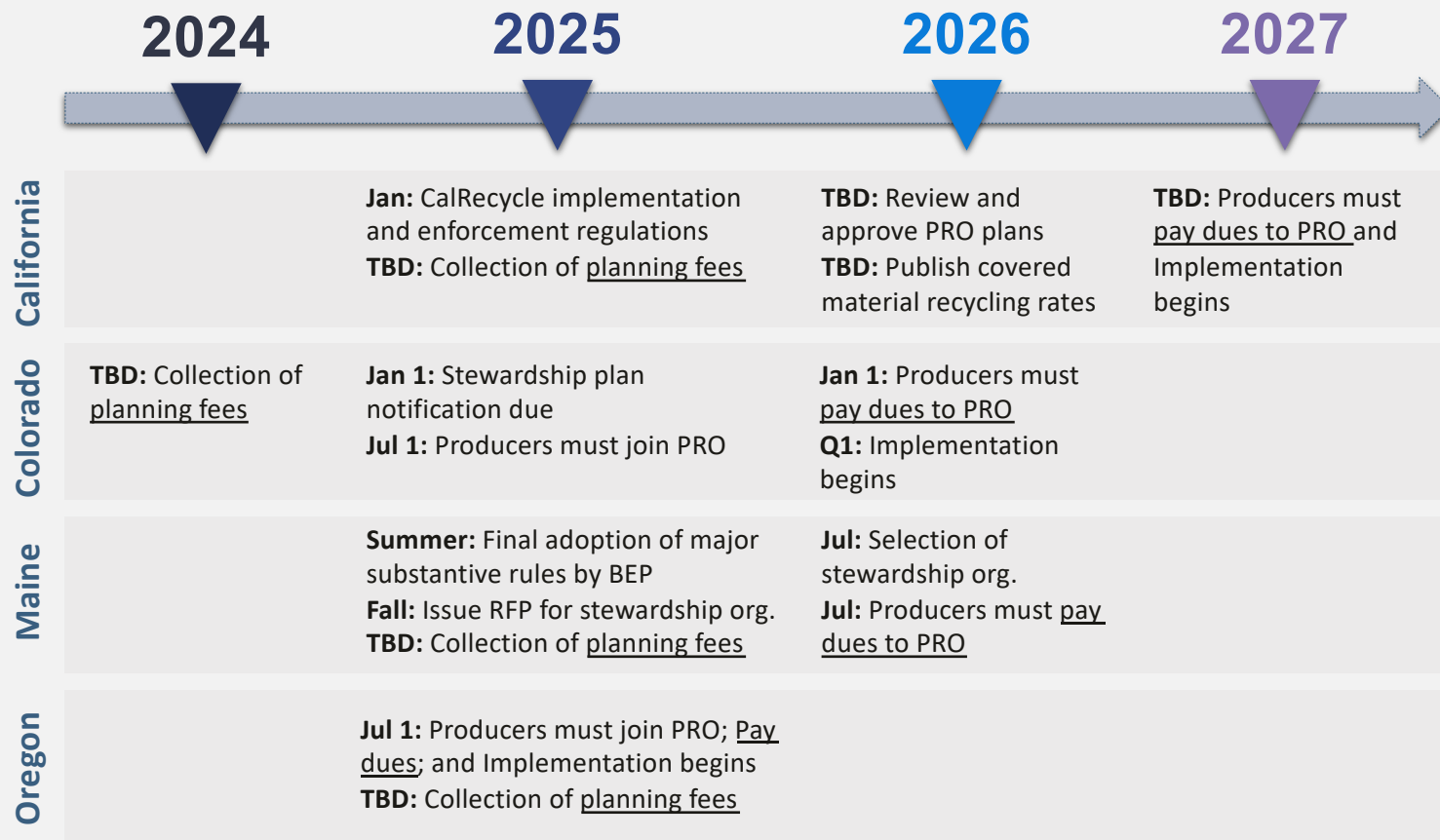
Updated February 2024

- Four Post Consumer Recycled Content (PCR) mandates
CA, NJ, WA, ME

The “EPR Compliance Organization” Value Proposition



Implementation Timeline for the Four EPR states



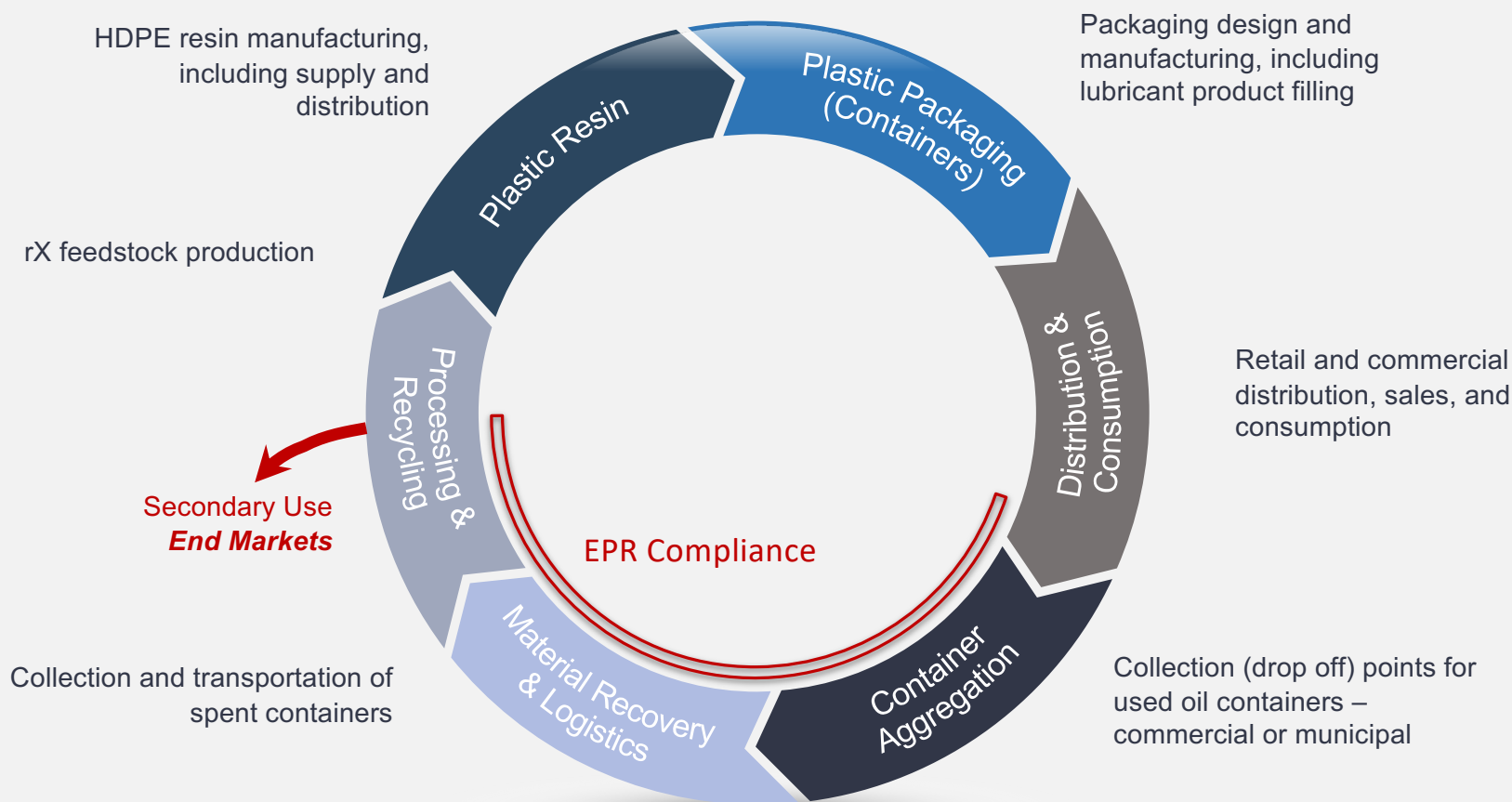
How can I prepare for compliance?

Brand Owners only

- List all products sold in EPR states (CO, CA, OR, ME).
- List packaging formats used for each product and quantity of units sold.
- Document materials used for each format and their weights.

1. Planning fee is based on a percentage of the estimated implementation fee for Motor Oil Gallon, and is standardized across all container types.
2. Implementation fees are based on the State Response Plan activities and costs and vary by container type with a cost nexus.

Circular Packaging Value Chain



NLCRC Overview



Purpose

An **industry-led** coalition funded by a committed consortium of **value chain stakeholders** focused on establishing solutions for **recovery and recycling of packaging for petroleum-based and related products** utilized in transportation and industrial applications.



Vision

We aim to **enable and accelerate** achievement of **packaging recycling solutions** for our Industry that drive circularity.



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Strategic Workstreams for the NLCRC

Legislative Monitoring and Advocacy

This workstream aims to monitor and assess future legislative activity and potential advocacy efforts that could impact the industry.



Best Practices Sharing

This workstream involves the development of tools and communications that share insights gained from projects or member initiatives (e.g., [collection programs](#)).



Sustainable Packaging (Circularity)

This workstream intends to find solutions to achieve circularity goals and address industry challenges.



Defining Success for the NLCRC


NLCRC's three-year objectives, established in 2023



Members align on legislative impacts, participating collectively in advocacy for the value chain in this space.




Members collaborate to optimize the value chain for recovering and recycling industrial packaging.



Members can clearly define technical requirements and financial aspects for achieving circularity.



NLCRC openly shares insights to speed up the industry's shift from end-of-life disposition to recycling industrial packaging.



The NLCRC expands its membership, representing the circular packaging value chain in petroleum and related products.

Benefits: Why Engage and Why Now

Reduce business (revenue) risk by implementing programs that address emerging legislative and regulatory concerns.

Proactively **assess future packaging risks** through legislative monitoring, assessment, and advocacy when needed.

Leverage knowledge gained by the NLCRC since 2021

Building industry-specific insights and knowledge gained through value chain networking, research, projects, and collective action.



Drive waste-related ESG goals, enhance brand value, and raise public awareness through visible, sustainable, and socially responsible solutions.

Improve petroleum packaging collection and recycling through collaborative innovation to **enhance post-consumer packaging value**.

Engage the full value chain collaboratively to identify industry solutions, develop tools, and communicate best practices.

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