



Missouri Sustainable Packaging Work Group

Product Stewardship Institute
December 7, 2021

Agenda

1. Introductions and Background
2. Work Group Goals & Structure
3. EPA-Funded Projects in MO
4. EPA-R7 Project Overview
5. Next Steps



Product Stewardship Institute

*Building capacity for product stewardship and EPR in the U.S. for **20+ years***

Government Members & Board

47 **state** agencies
& hundreds of **local** governments

Packaging EPR Policy Model

- 11 active states
- Federal BFFPPA

Multi-Stakeholder Partners

100+ producers, recyclers, waste management, retailers, NGOs, academics, international gov'ts

2020: Mediated Agreement between FPA, State, and Local Governments

*Convening **public & private sectors** around shared principles & policies*

124 EPR
Laws:



and
more...

Missouri Product Stewardship Council (MO PSC)

- Founded in 2018 with the support of PSI and funding from St. Louis-Jefferson and MARC SWMDs
- Coalition of **local governments, businesses, and other stakeholders** primarily focused on paint, pharmaceuticals, and mattresses, with monthly meetings facilitated by PSI staff
- This workgroup is being convened as part of the MO PSC alongside two other preexisting workgroups (for paint and pharmaceuticals)



**St. Louis-Jefferson Solid
Waste Management District**
Recycling Works for St. Louis!

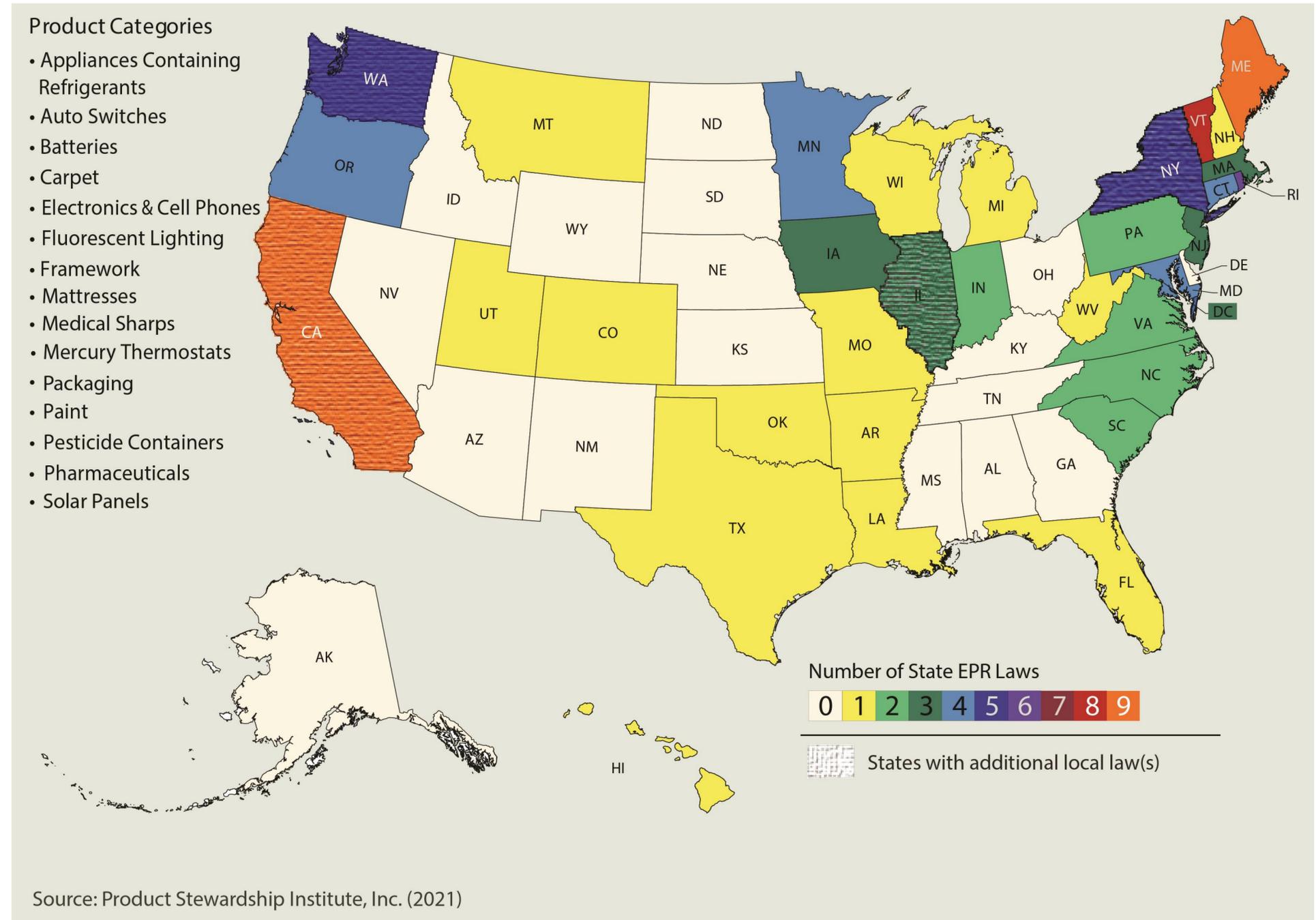


2021: EPR in the U.S.

(First packaging laws passed!)

124 EPR Laws
15 Products
33 States + D.C.

While **bottle bills are highly effective at recovering beverage containers, this count does not include the **10 state bottle bills** in the U.S., due to the different ways in which the disparate policies shift responsibility to producers.*



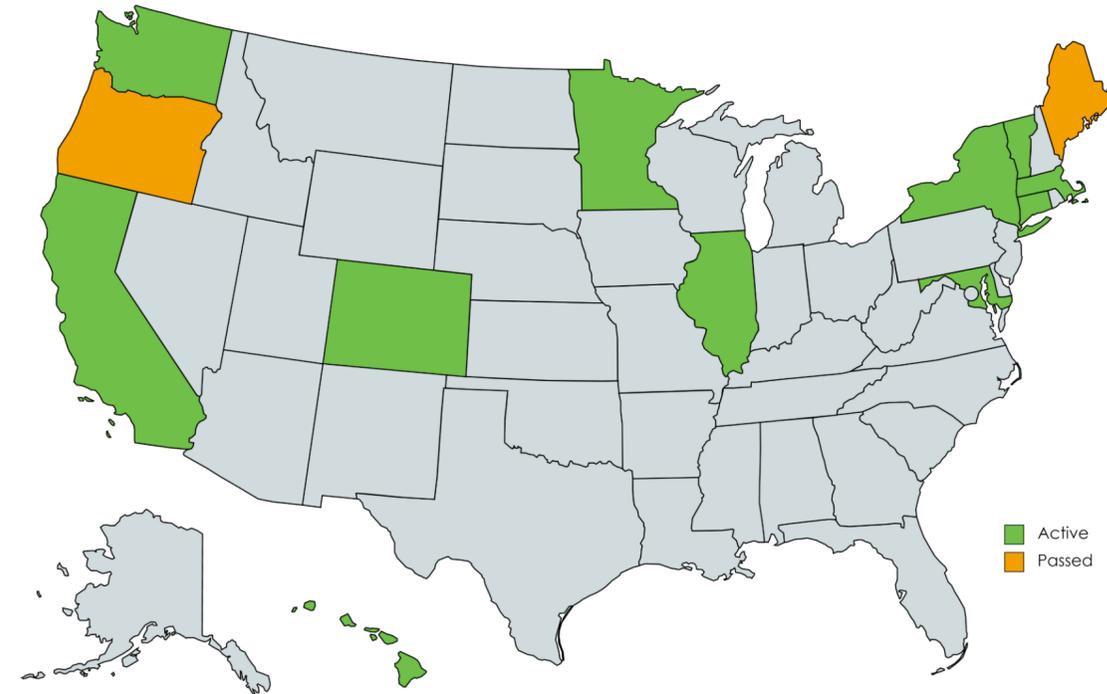
Legislative Momentum in the U.S.

2 New Laws

First two PPP laws passed in 2021: **OR, ME**

A Dozen State Bills

At least **9 state bills** expected 2022 & beyond



Federal Break Free From Plastic Pollution Act

- **EPR** for packaging
- national bottle bill
- bag ban + fee
- other single-use plastics bans

INTRODUCTIONS



Statewide Sustainable Packaging Work Group

Our Goals:

- Inform design & implementation of EPA R7 project.
- Promote project results and resources developed.
- Offer technical assistance to others in Missouri on sustainable packaging, food service ware, and source reduction.
- Serve as an information-sharing and educational forum for stewardship solutions on packaging issues.

Group Structure:

- Subcommittee of MO PSC members, project partners, key St. Louis community stakeholders, and national reuse experts.
- Meet quarterly, or every other month as needed during the project period.

EPA-Funded Projects in MO

- **EPA R7: Healthy Communities Grant.**
 - PSI & earthday365 partner with St. Louis restaurants to reduce single-use food serviceware & choose reusables
 - Launch earthday365's KindBox app & reusable container program
 - Launch statewide sustainable packaging work group
- **EPA R6: Healthy Communities Grant.**
 - MRCTI, with support from RedBud, PSI, earthday365
 - Install trash capture & measurement devices and water filling stations in St. Louis
 - Conduct community outreach on litter and aquatic debris in St. Louis communities



EPA R7: Project Outcomes

- **Municipal guide:** Supporting restaurants in reducing waste
- Updated **Restaurant Toolkit**
- Launch of **KindBox** & expansion of **GDA** program
 - Up to 10 St. Louis restaurants
- **Statewide Sustainable Packaging Work Group**
 - Build capacity for packaging stewardship in MO
- **Note: project to end in September 2023**



MISSION

To inspire and mobilize a collaborative movement towards an equitable and environmentally sustainable St. Louis region – every day.





- St. Louis Earth Day Festival
- Recycling on the Go
- Green Dining Alliance



MISSION

To enhance each diner's experience and support local businesses by engaging restaurants and stakeholders in a process to increase environmental sustainability through tailored strategies, workshops, and collaboration.

CERTIFICATION PROCESS

1. Restaurants must commit to **Core Concepts**, which include: banning Styrofoam ; recycling; phasing in energy efficient bulbs and equipment; reducing overall environmental impact per time.
2. Restaurants receive an onsite consultation and certification audit.
3. Restaurants become certified if they receive 80 points or greater on the certification.
4. Restaurants are re-certified on an annual basis.

Kind Box Program

- 2020 Grants: SWMD/DNR, Trio Foundation
- 2021 Grants: SWMD/DNR, EPA R7 with PSI
- Changed Health Code
- Pilot: 2-5 GDA Restaurants
- App & Website development
- Launch in early 2022
- Work with PSI on Plastic Footprint Calculator and national model



kindboxstl.org

- STEP 1 Scan QR Code
- STEP 2 Show confirmation code
- STEP 3 Enjoy!
- STEP 4 Find a Return Station



PSI Plastic Footprint Calculator

- **First**, select the disposable products you use
- **Then**, enter your volumes & costs

Plastic Footprint

Share the Plastic Footprint Tool:



	Items Per Month	Cost Per Month	Items Per Year	Cost Per Year
Plastic stirrers	20,000.00	24.80	240,000.00	297.60
Plastic sip straws (ex. for cocktails or hot beverages)	30,000.00	92.58	360,000.00	1,110.96
Plastic jumbo straws (standard size straws)	48,000.00	10.76	576,000.00	129.12

Total Footprint

	Total Items Per Month	Total Cost Per Month	Total Items Per Year	Total Cost Per Year
Totals	119,642.00	555.89	1,435,704.00	6,670.73

Custom Source Reduction Plans

- Eliminate
- Reduce
- Replace
- Switch



vs.



+



vs.



Resources



**Plastic Reduction Tools
for Businesses and Communities**

<https://tinyurl.com/PlasticReductionTools>

Questions?

EPA R7 plastic reduction project

Building capacity for packaging stewardship
statewide



Next Steps

EPA R7 Project Team (PSI, ED365):

- Continue to secure & on-board restaurants to participate in St. Louis
- Complete EPA paperwork
- Pilot KindBox app

Sustainable Packaging Work Group:

- Recruit chair for Work Group
- Next Work Group Call – Feb/March 2022
 - Overview of packaging EPR

Thank You!

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