Marta Keane, Will County

Chair Illinois Product Stewardship Council & President Illinois Recycling Foundation
National Recycling Coalition Board Member
mkeane@willcountygreen.com
815-774-4343 Office
815-666-2892 Cell

willcountygreen.com
The **will** power to rethink, renew, reduce and recycle.

Will County is a collar county of Chicago, home to 700,000 residents

It features some of the most populated cities in the state and rural farm communities

We own a landfill, just cut the ribbon on RNG facility, and have an array of recycling programs

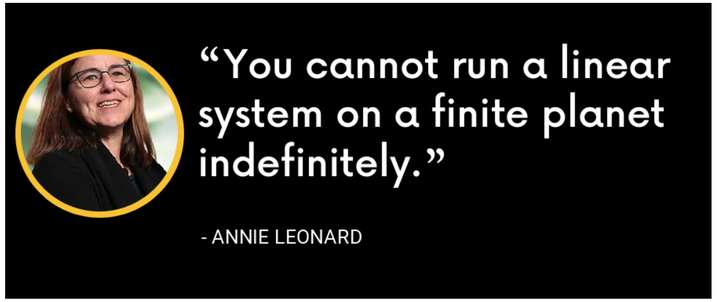
willcountygreen.com
The **will** power to rethink, renew, reduce and recycle.

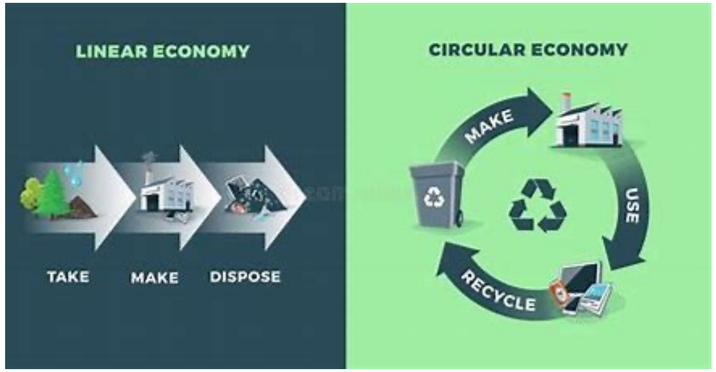
Evolving Philosophy

- First Solid Waste Plan, primarily garbage service
- Crete is the oldest and longest running recycling drop-off
- Curbside service first began in Naperville, still 1 town without it
- One-Day events and permanent drop-offs for many items
- Home of 2 Oil Refineries made tackling Plastic political

Linear thinking has evolved into Circler thinking

- Today, we understand the need to involve manufacturers
- Tapping into a national product stewardship group gives us access





PRODUCT STEWARDSHIP INSTITUTE

Who is PSI?

- A **national nonprofit consultancy & policy advocate** safeguarding the **welfare of people and the planet**
- Focus on minimizing the environmental impacts of **consumer products & packaging**
- A **convener and mediator**, bridging the gap between the **public and private sectors**
- **Systems thinkers.** Research, design, implement, evaluate, & promote **extended producer responsibility** laws and programs for a **circular economy**
- **PSI** has helped enact **130 laws** across **16 product categories** in **33 states**

PRODUCT STEWARDSHIP INSTITUTE

Expert Team

Suna Bayrakal, Ph.D.
Dir. Policy & Programs

Scott Cassel, MCP
CEO / Founder

Rachel Lincoln Sarnoff
Dir. Marketing & Communications

Lelande Rehard, MPA
Policy & Program Manager

Hanz Atia, MPH
Assoc. for Policy & Programs

Julia Wagner
Marketing & Communications Coordinator

Will Grassle
Jr. Assoc. for Policy & Programs

PRODUCT STEWARDSHIP INSTITUTE

Product Stewardship Institute

Building capacity for product stewardship and EPR in the U.S. for 21+ years

Members

State and local government agencies in 48 states

State of Oregon Department of Environmental Quality

Maine Department of Environmental Protection

SWALCO – Solid Waste Agency of Lake County, IL

CalRecycle

Champaign County, IL

HEALTHY CHICAGO – Chicago Department of Public Health

Connecticut Department of Energy & Environmental Protection

Will County Illinois

Peoria County Recycling, IL

Hennepin County Environment and Energy Minnesota

ECOLOGY ACTION CENTER

Solid Waste Agency of Northern Cook County

Partners

100+ businesses, NGO's, academics, others

GDB International, Inc. – Paint is our passion

COVANTA – Powering Today. Protecting Tomorrow.

Landbell Group

FPA Flexible Packaging Association – Connecting. Advancing. Leading.

Circular Polymers™

RLG – Reverse Logistics Group

NOVOLEX

American Coatings Association℠

Stericycle® – We protect what matters.

PRODUCT STEWARDSHIP INSTITUTE

PSI Core Competencies

Research
Policy Analysis
Pilot Programs
Program Evaluation

Policy Development
Stakeholder Engagement
Facilitation & Mediation
Consensus Building

Education
Capacity Building

Legislative Advocacy
Expert Testimony
Policy Technical Support
Coalition Building

Product Categories

Solar Panels

Mattresses

Pharmaceuticals

Medical Sharps

Electronics

Packaging

Thermostats

Fluorescent Lamps

Phone Books

Batteries

HHW

Textiles

Product Categories

Appliances with Refrigerants

Framework

Tires

Gas Cylinders

Carpet

Radioactive Devices

Pesticides

Auto Switches

Paint

Used Motor Oil

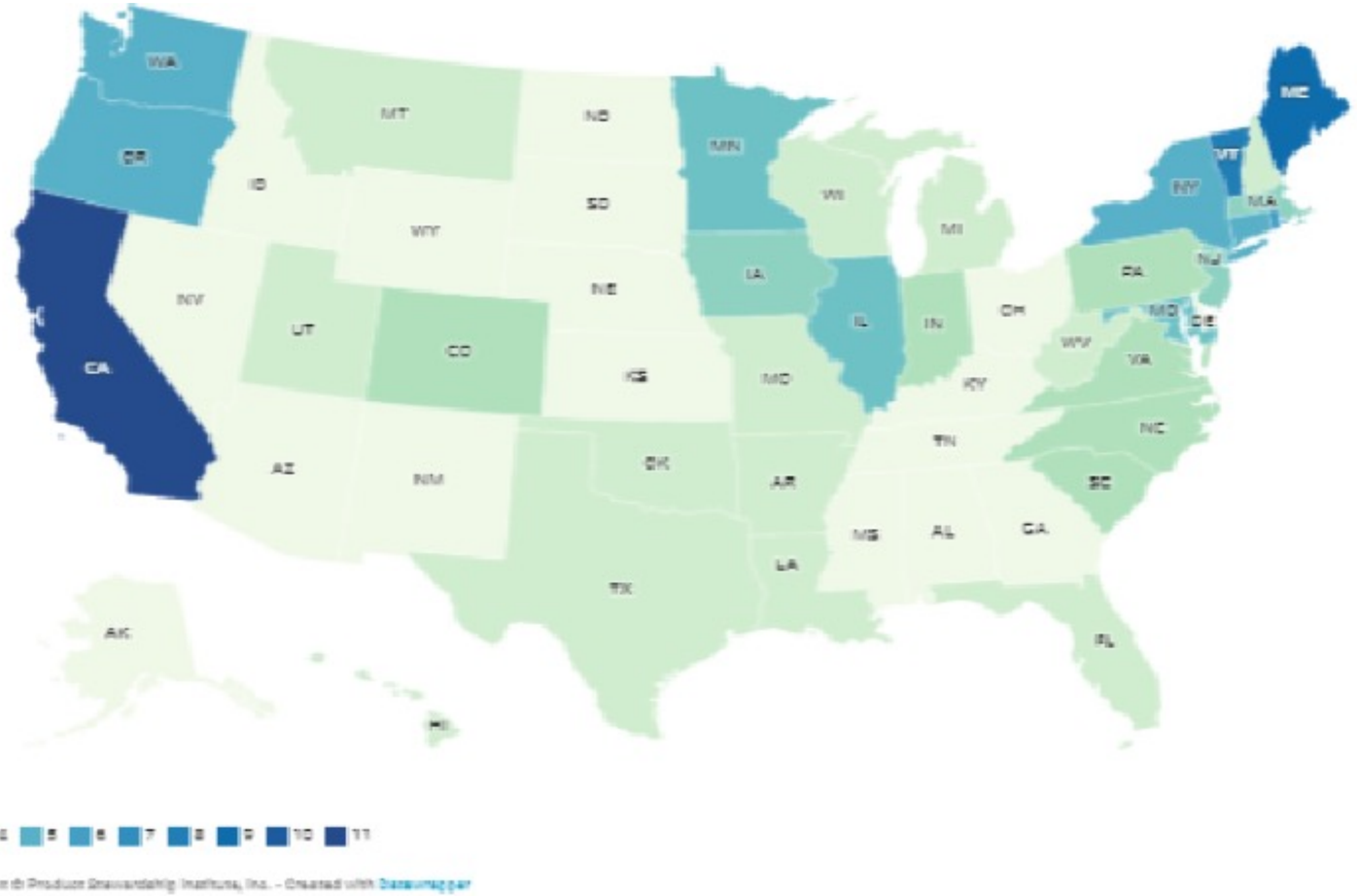
EPR Adoption in U.S. - 2022

130 EPR Laws

16 Products

33 States + D.C.

Most of them built on PSI models



Excludes **bottle bills due to the different ways in which the disparate policies across 10 states hold producers responsible.*

PSI & IL PSC: A Joint Initiative

Transforming Materials Management in Illinois for a Circular Economy

History of the IL PSC

- **Established in 2010 by PSI + several IL local governments**, which provided funding to address solid waste and recycling issues in IL through EPR.
- **Focus on passing EPR legislation** for carpet, paint, electronics, packaging, pharmaceuticals, and more.
- **More than a dozen contributing members** from IL local governments and nonprofits.

100% of Memberships to PSI from IL Local Governments Support IL PSC Work

Facilitation & Coordination: IL PSC Monthly Calls; Stakeholder Engagement; Policy Development

Research & Education: Data gathering and fact sheets to inform and advocate for IL EPR policy; PSI membership benefits (education, peer collaboration); educate other Illinois stakeholders at conferences.

Legislative & Regulatory Support: PSI works with IL PSC members and their legislators to advocate for policy, provide expert testimony, shape regulations, and improve existing laws

PRODUCT STEWARDSHIP INSTITUTE

PSI Membership Benefits for IL PSC Members

POPULATION SIZE	<100,000	100k-500k	500k-1.25m	1.25m-3m	3m-5m	5m-8m	8m+
ANNUAL FEE	$500	$1,500	$3,000	$6,000	$9,000	$12,000	$15,000
BENEFITS							
Consulting Opportunities	x	x	x	x	x	x	x
Policy Development Strategy Calls (organized by product category)	x	x	x	x	x	x	x
PSI Members Packaging EPR Action Hub	x	x	x	x	x	x	x
Legislative Updates (during session)	x	x	x	x	x	x	x
Monthly Newsletter	x	x	x	x	x	x	x
Attend Webinars	x	x	x	x	x	x	x
View Webinar Recordings	x	x	x	x	x	x	x
Access Legislation Library	x	x	x	x	x	x	x
Access Resource Library	x	x	x	x	x	x	x
Serve On / Vote For PSI Board	x	x	x	x	x	x	x
Logo on Membership Page	x	x	x	x	x	x	x
Discounts on registration for PSI's conference & other in-person events	x	x	x	x	x	x	x

PRODUCT STEWARDSHIP INSTITUTE

IL PSC Membership Benefits

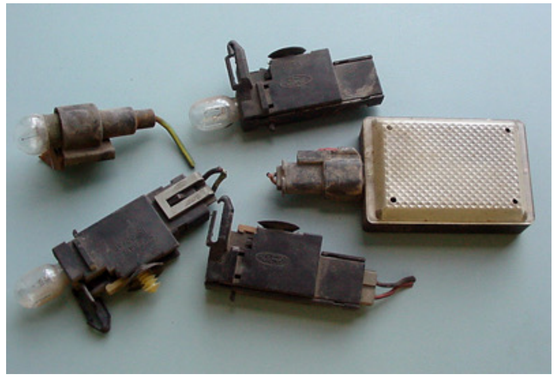
- Drive the product stewardship movement in IL
- Vote on IL PSC business
- Shape IL PSC's EPR initiatives
- Call participation and notes all year long
- Ability to serve on IL PSC leadership team
- PSI educational benefits & IL PSC support

PRODUCT STEWARDSHIP INSTITUTE

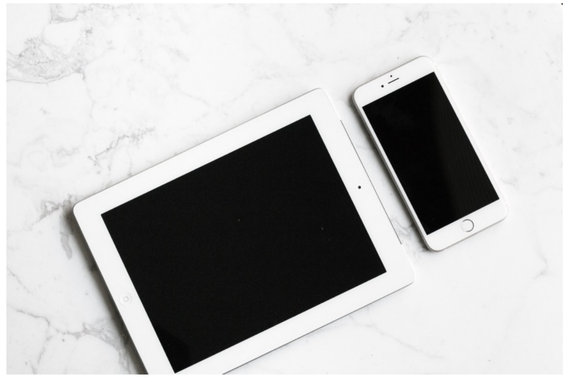
PSI & IL PSC Successes

- Passed CERA in 2017 as an **electronics** EPR law amendment with **industry support** to strengthen the state's program; now serves as a **model**.
- Developed **carpet** EPR bill; would be 2nd in U.S.; industry took the lead to pass in 2022, expect it back 2023.
- Policy research on **pharmaceuticals** EPR bill, passed this bill with manufacturers headquartered in IL in 2022.
- Working on **paint** EPR, set back in 2021, but expect to pass in 2023.
- Facilitating **packaging** EPR dialogue (different session).

IL EPR Laws



Mercury Auto Switches
(2006)



Electronics
(2008; amended 2011, 2015, and 2017)

Mercury Thermostats
(2010)

Pharmaceuticals
(2016, Cook County 2022, State)

IL EPR Bills: 2012-2022

23 unique EPR bills introduced in IL across **9 different product areas:**

- Carpet
- Car Seats
- Electronics
- Medical Sharps
- Packaging
- Paint
- Pharmaceuticals
- Solar
- Wind Turbine Blades

IL EPR Bills: 2022

Carpet

Packaging

Paint

Pharmaceuticals –
Passed!

Solar Panels

Wind Turbine Blades

IL EPR Bills: 2023

Paint

Packaging

Carpet

- Senator Linda Holmes leading the effort to pass **paint** EPR
- MRFs, with optical sorters, are failing to meet packaging's ever evolving material inventions and combinations. The cost cannot just be on the backs of consumers and government. ILPSC has taken the lead.
- The **carpet** EPR bill, started by ILPSC, will be carried industry in 2023.

Why Paint?

10% of paint sold in the US is **leftover**

80 million gallons of **leftover** paint each year

PRODUCT STEWARDSHIP INSTITUTE

Latex vs Oil

IL EPA abandoned latex paint but Will County collects it - Paint is **>50% of HHW** one-day events & makes up half the costs

PRODUCT STEWARDSHIP INSTITUTE

Why Paint?

When not recycled, leftover paint is dried out and **takes up space** in landfills or is **dumped down drains**, **threatening waterways**

PRODUCT STEWARDSHIP INSTITUTE

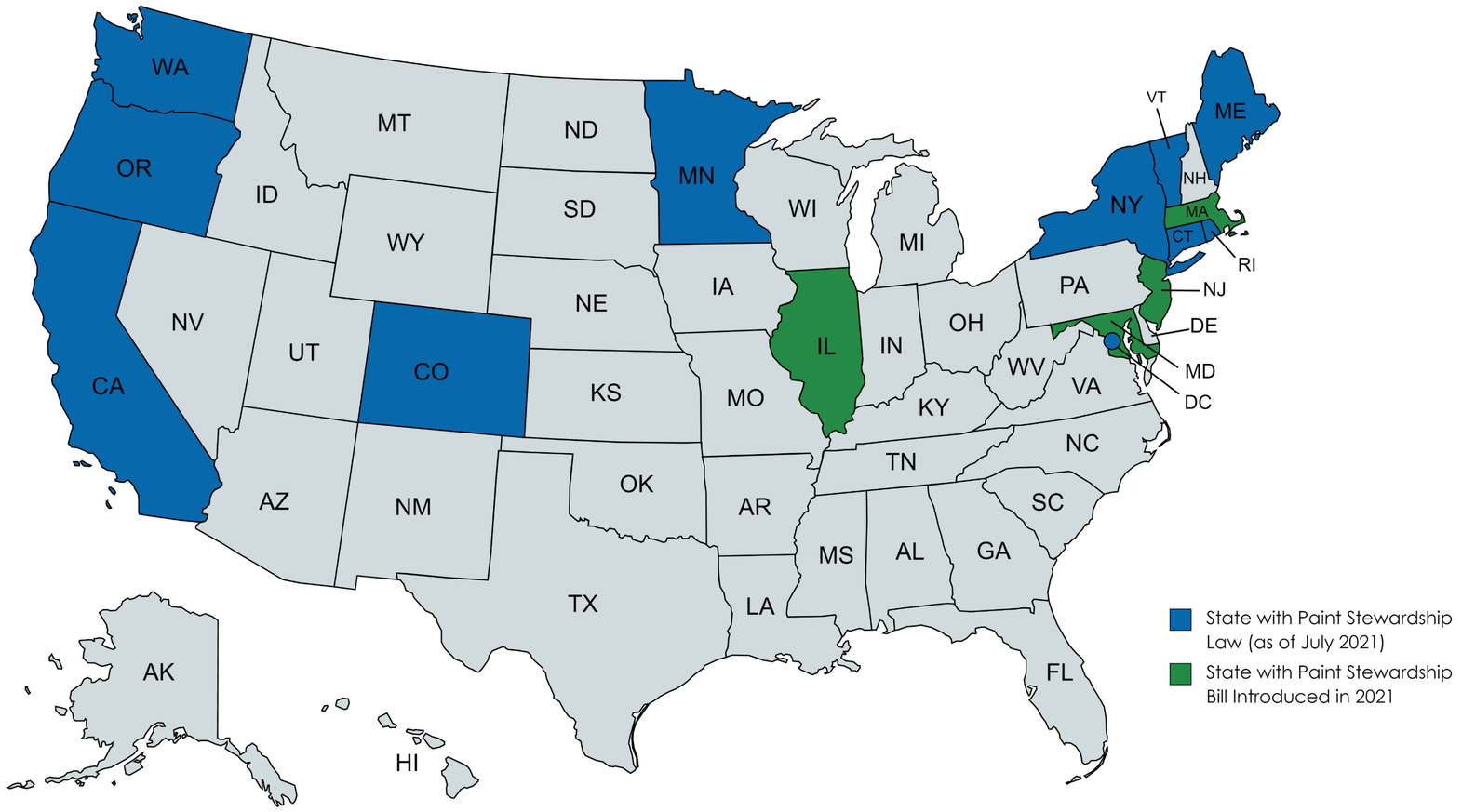
A Brief History of Paint Stewardship

- PSI-facilitated national dialogue with multiple research projects led to two MOUs in April 2005 & October 2007
- MOU signers included paint manufacturers, US EPA, local & state governments, & recyclers
- MOU included model legislation
- First paint stewardship law based on this model passed in Oregon in 2009

Paint Stewardship in the U.S.

11 Laws in
10 States + D.C.

4 bills in 2021
in IL, MA, MD, NJ



Results of Paint Stewardship

- **11 Programs** in 10 states + D.C. run by PaintCare, a nonprofit governed by paint manufacturers
- **>$240 million in savings for local governments**
- **> 1,800 voluntary collection sites,** over 70% of which are retail locations
- > **50 million gallons of paint collected** to date
- Communities with pre-existing paint recycling programs reap **direct cost savings**; those that did not collect paint before receive **new recycling at no taxpayer cost**

PaintCare™
RECYCLING MADE EASY

About Paint Stewardship Laws

- Program **operated by paint manufactures** through PaintCare
- **Follows the waste hierarchy**; promote waste reduction, then reuse, and provides a recycling system for recycling and proper disposal
- Requires PaintCare to submit **a plan for approval by the State** that includes:
    - **Convenient** paint drop-off sites
    - **Environmentally responsible** paint management
    - **Goals** for reuse, recycling and proper disposal
    - **Education and outreach**
- State **oversight paid for by PaintCare** program
- Requires PaintCare to submit **annual performance reports** to the State

PaintCare Funding

- Program financed through a per-can assessment fee*, calculated to cover the cost of the program, added to the product price of each container sold:

Half pint or less:	**$0.00**
Larger than half pint to less than one gallon:	**$0.35**
One gallon:	**$0.75**
Larger than one gallon to five gallons:	**$1.60**

- Manufacturers pay monthly fees to PaintCare based on sales in the state and pass them to distributors and retailers, who add them to the purchase price of paint

**Note: the fee structure shown above is from Colorado*

PRODUCT STEWARDSHIP INSTITUTE

PRODUCT STEWARDSHIP INSTITUTE

Program Use

- **Residents:** All residents can make use of the program for both latex and oil-based paints
- **Businesses:** All businesses can use the program for latex paint; for oil-based paint, only very small-quality generators (fewer than about 20 gallons/month) can use the program
- Paint cans must be in the following conditions:
    - Original container with original label
    - Sealed containers (not leaking)
    - Not empty (but dried latex ok)
    - Five gallons or less in size

PRODUCT STEWARDSHIP INSTITUTE

Benefits of Paint Stewardship

Illinois is home to GDB International, North America's largest paint recycler, based in Nashville, IL.

Illinois is also home to EPaint Recycling Solutions, Inc, which has a paint consolidation facility in Arlington Heights, IL.

- **Over 2.2 million gallons of paint** go unused each year in Illinois.
- Paint stewardship provides financial benefits of **more than $17 million** while **creating in-state jobs in the paint recycling, waste management, and transportation industries**
- PaintCare would also significantly increase access and provide residents and businesses the opportunity to properly manage their paint
- Participating retailers increase foot traffic to their stores while offering far more convenience to consumers than government collection programs

2023 Focus on Battery EPR options:

- Attend national PSI calls on battery EPR
- Explore battery recycling options
- Develop a Fact Sheet on need for battery EPR
- Find private partners to fund efforts
- If warranted, develop legislative language on battery EPR for 2024

PRODUCT STEWARDSHIP INSTITUTE

Thank You

To Join IL PSC

Amanda Nicholson

COO, Product Stewardship Institute

amanda@productstewardship.us

617-236-4833

www.productstewardship.us

illinoispsc.org

Marta Keane

Will County & IL PSC Chair

mkeane@willcountygreen.com

815-774-4343

The end is only the beginning when you Recycle