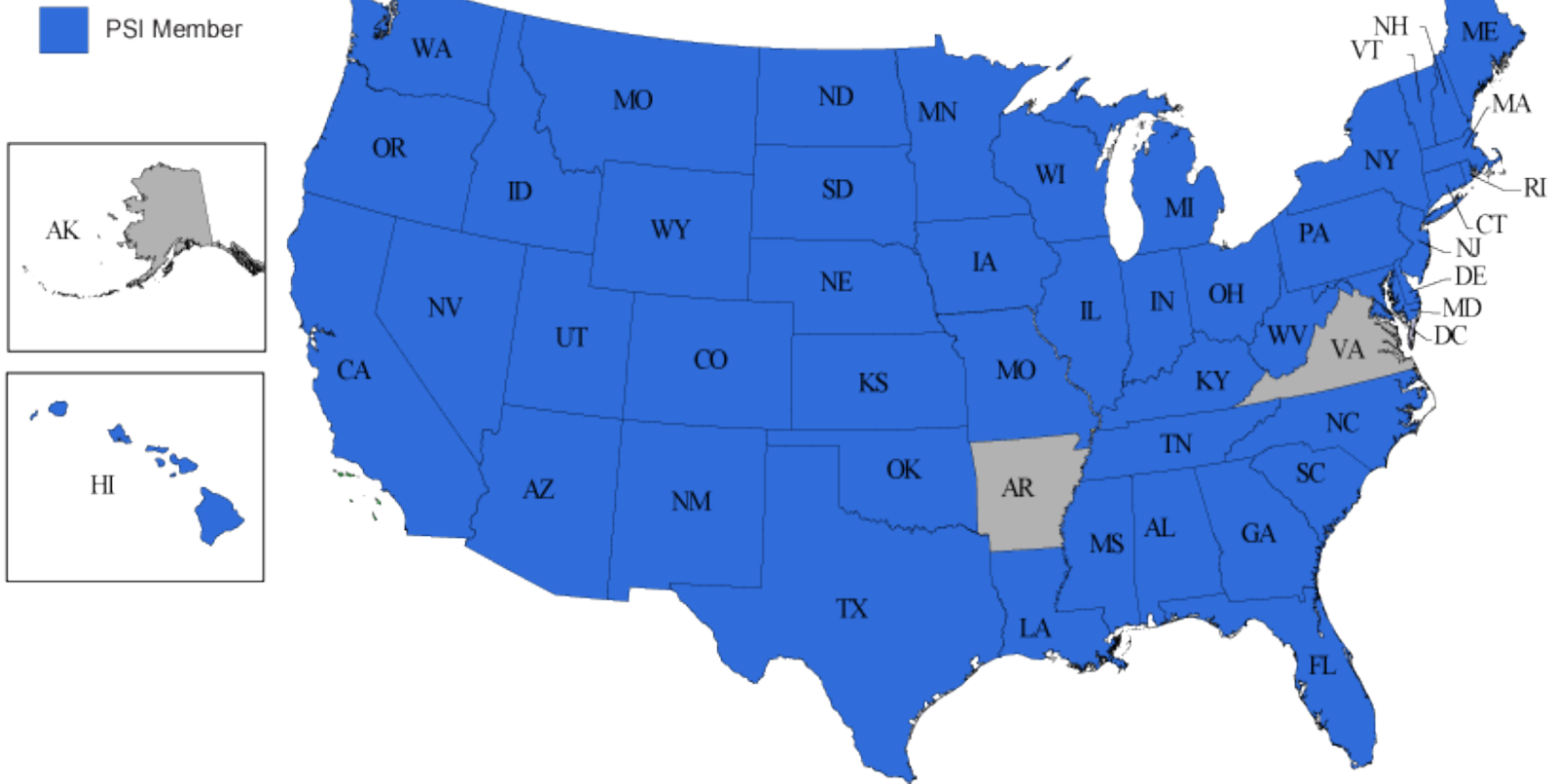


national product stewardship update: examining trends

metro washington council of governments recycling committee meeting
january 26, 2017



who is the product stewardship institute?



some of our
partners
and
advisory
council
members:



our mission

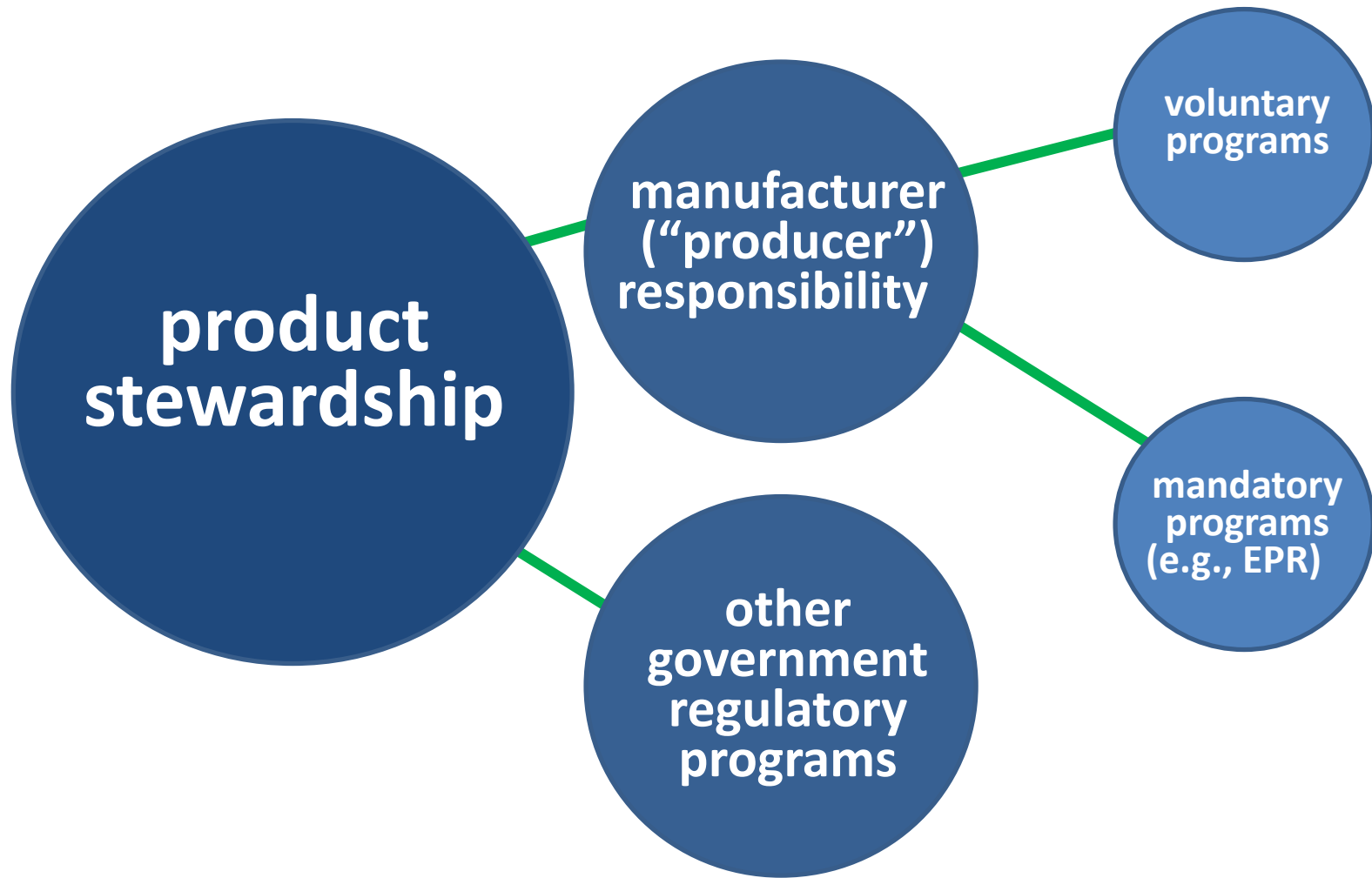


we seek to **reduce** the
health & environmental impacts
of products across their lifecycle.



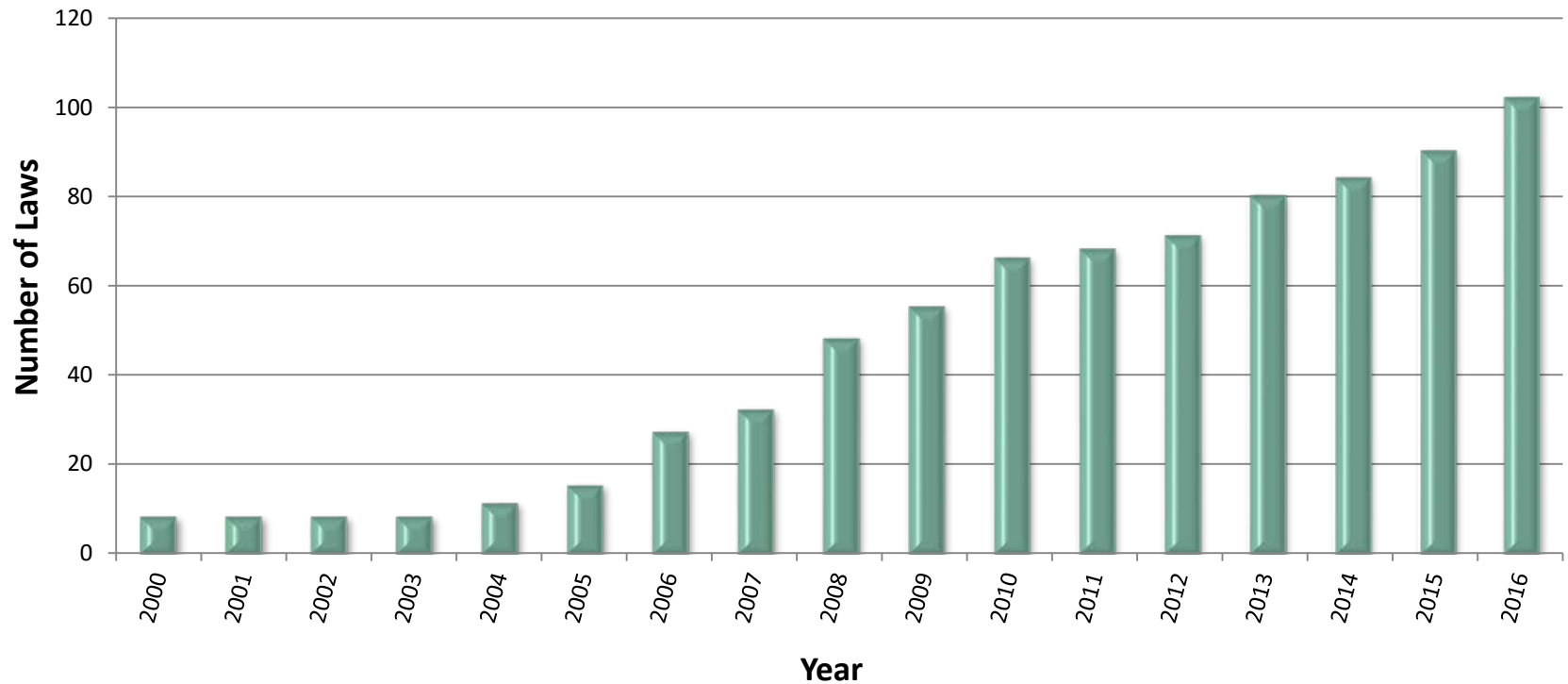
PRODUCT
STEWARDSHIP
INSTITUTE

product stewardship vs. EPR



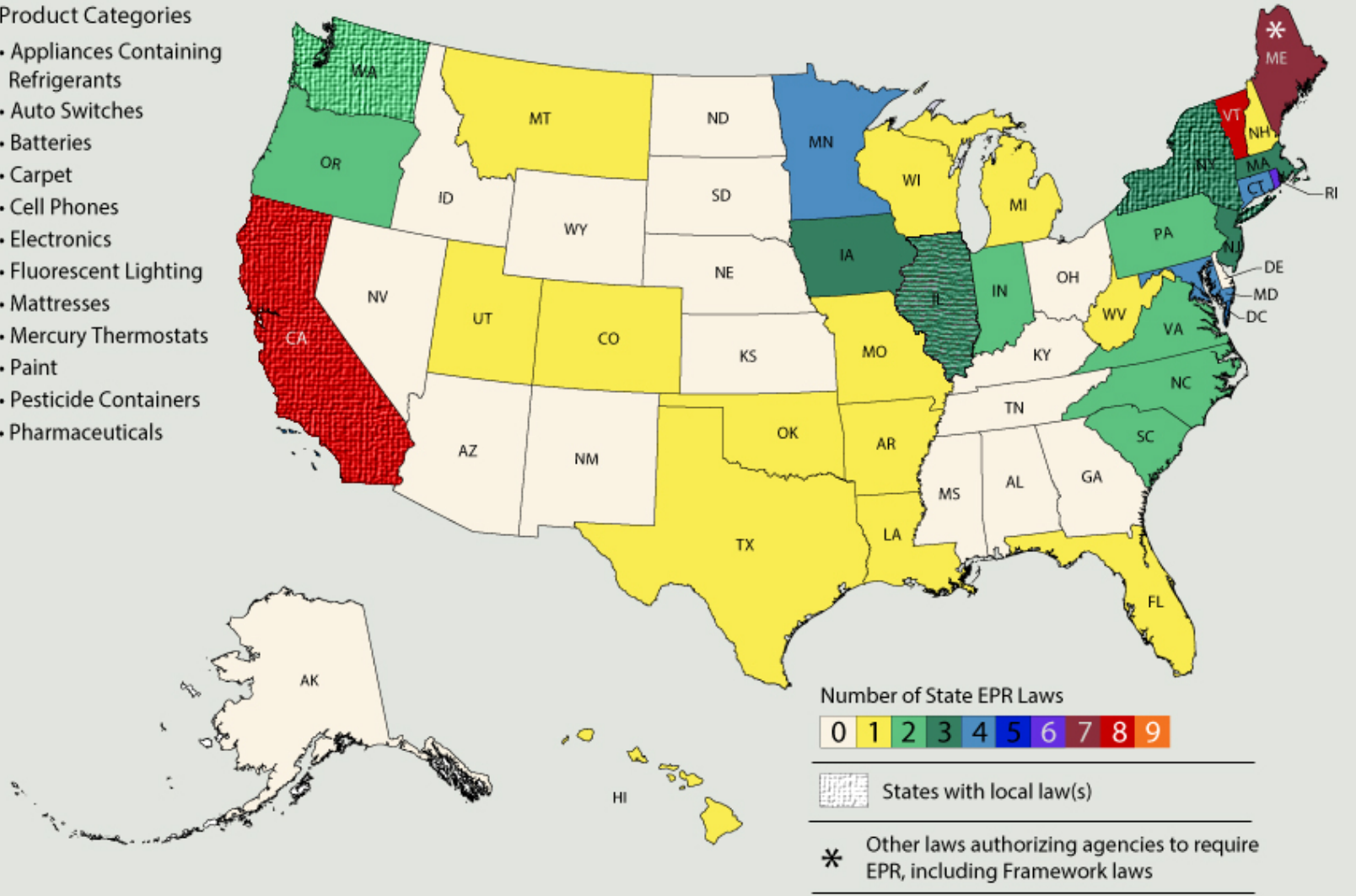
momentum for EPR in the US is growing

EPR laws since 2000



Product Categories

- Appliances Containing Refrigerants
- Auto Switches
- Batteries
- Carpet
- Cell Phones
- Electronics
- Fluorescent Lighting
- Mattresses
- Mercury Thermostats
- Paint
- Pesticide Containers
- Pharmaceuticals



Source: Product Stewardship Institute, Inc. (2016)



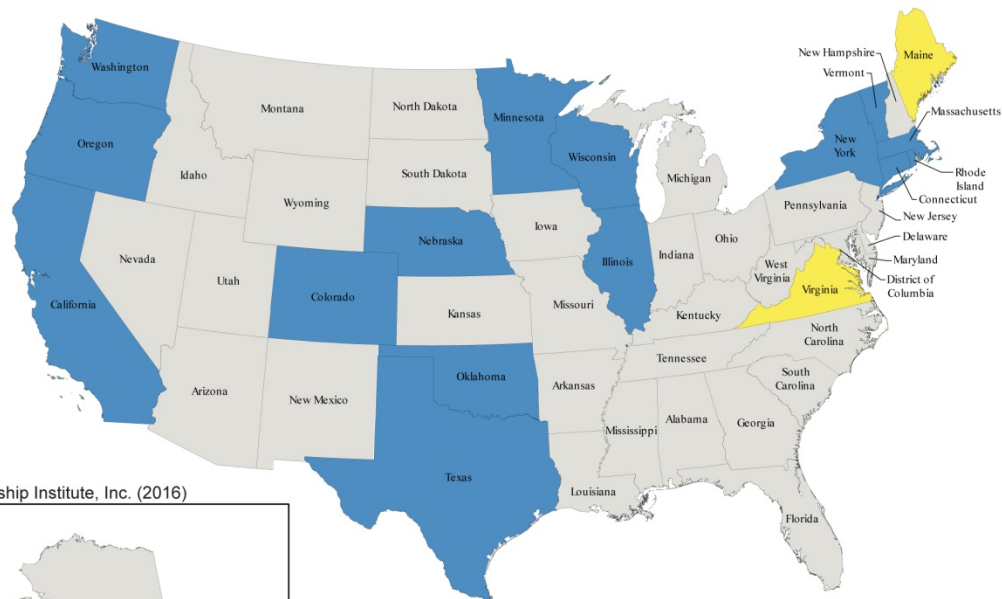
what are the benefits of epr legislation?



PRODUCT
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INSTITUTE

product stewardship councils

advance product stewardship
on a state & regional level



Source: Product Stewardship Institute, Inc. (2016)



- State with product stewardship council
- State with interest in forming product stewardship council

PSCs: primary goals

save money for local governments

increase **recycling**

reduce **waste**

create **jobs**



electronics

(24 laws nationwide – including virginia)

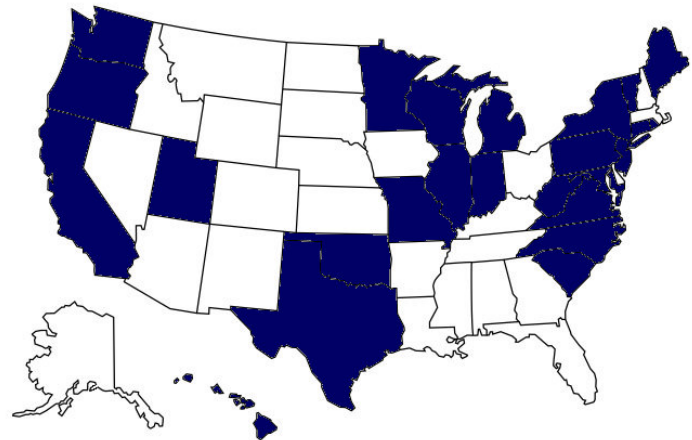
recovery (selected products) increased from

10% (2000) to **40%** (2013)

= **2.6 billion lbs** (2013)

= **8,500 sites** (2014)

= **\$754 million** savings

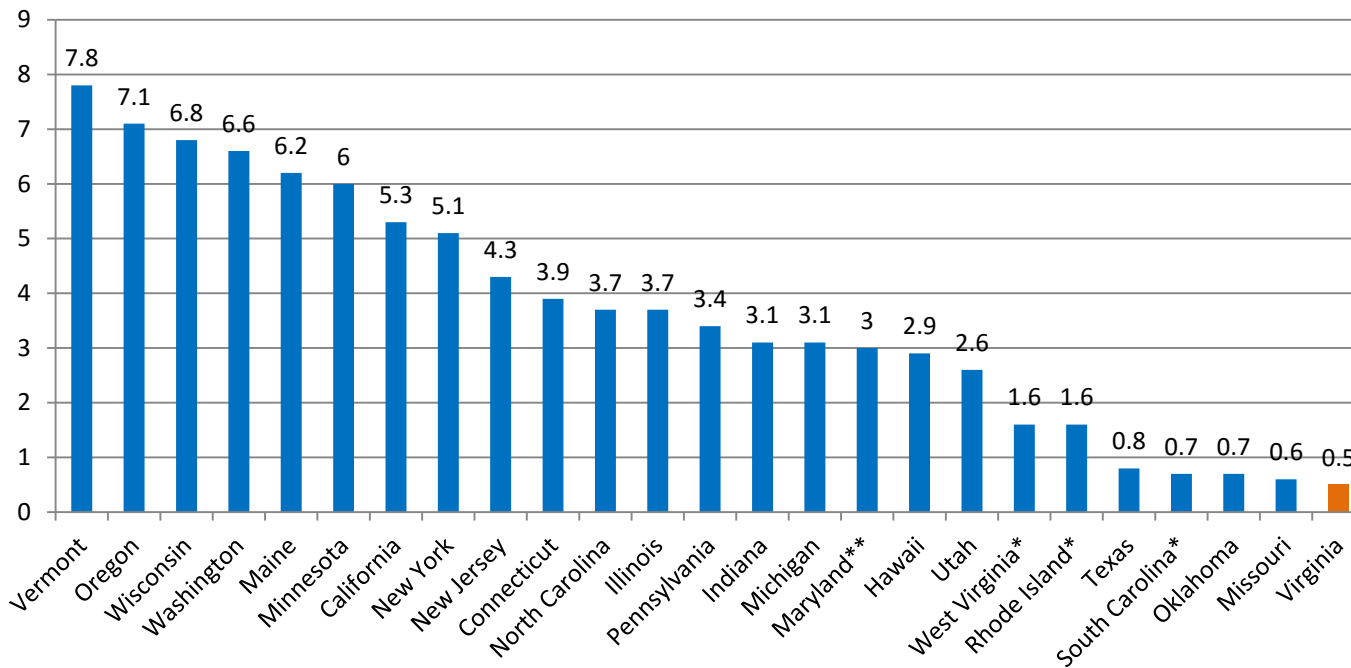


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**source: US EPA; CTA's April 2014 report*

not all e-scrap programs are created equal

E-Scrap Collection in States with Recycling Legislation
Pounds per capita, 2013



Note: This chart presents available data on program performance, but does not provide an “apples to apples” comparison as the covered products and entities (e.g., residents, businesses, schools, etc.) vary from state to state.

Source: Electronics Recycling Coordination Clearinghouse
* 2012 data
** 2011 data



how PSCs effect change electronics



lobby legislators and assist in drafting an amendment to make their existing e-waste law more effective



worked with state agency and other stakeholders to advocate for a state budget resolution that allocated \$3 million to NY local governments to assist with e-waste management costs



create fact sheets to educate the public, legislators, and government agencies about the dangers of e-waste, and proper management strategies; led to a consumer technology association (CTA) pilot program





virginia generates more than
1.9 million gallons
of leftover paint each year.





paint is **more than 50%** of the hhw collected by many programs, and often responsible for **half their costs.**



the cost to collect, recycle, and properly manage this paint is estimated to be **\$15.3 million in virginia.**

paint stewardship: **first steps**

- **research** and **reports** (2002, 2003)
- national **dialogue** (since 2003)
- **1st MOU** (April 2005) – 4 meetings/9 months
 - ✓ **8 projects** (\$2M public, private funding)
- **2nd MOU** (October 2007)
 - ✓ detailed **work plan**, elements of **legislation**

paint stewardship **the basics**

manufacturers must operate a system to

- a) **reduce** the generation of postconsumer paint;
- b) promote **reuse**, and
- c) provide system to **recycle** (or properly dispose) of leftover paint.



existing paint laws



*graphic provided by PaintCare



paint stewardship
current results nationwide



9 industry-sponsored laws
1700+ collection sites
16 million gallons collected
\$69 million saved*

*data only for CA, OR, & CT



how PSCs effect change paint



gather evidence and data, lobby legislators, write and collect support letters



created a paint reuse manual that local governments can use to build support and a foundation for paint stewardship



product categories



pharmaceuticals



batteries



textiles



packaging



HHW



mattresses



paint



thermostats



phone books



electronics



fluorescent lamps



medical sharps



other product categories



appliances with refrigerants



framework



tires



gas cylinders



carpet



radioactive devices



pesticides



auto switches



solar panels

building a PSC:
how do you begin?

1. **seek PSC leaders** – you only need a few to get started!
2. convene a **call or meeting**
3. **identify and prioritize** 2017 legislative and/or voluntary goals
4. **recruit** members and **raise** funds
5. **take action:** educate and advocate

	Illinois PSC	Nebraska PSC	New York PSC	Vermont PSC
Incorporation Status	Not incorporated	Not incorporated	Not incorporated	Not incorporated
Voting Authority	Governed by its members; elected Chair	Leadership committee (state and local governments, NGOs)	Board of Directors and Officers elected by existing Board (gov't majority).	General council members: all local government Steering committee: subset of members that pay membership fee and vote
Participants	Local governments, organizations, businesses. Only gov't can vote.	Local governments, state agency, organizations	Local governments (majority), state agency, organizations, and businesses	Partners: state government Sponsors: businesses, institutions, individuals and NGOs that pay partner fee to participate actively on council; must sign agreement ; no voting
PSI's Role	Coordinates and facilitates monthly calls + notes; technical assistance; coordinates product-specific sub-committee calls	Coordinates and facilitates quarterly calls + notes; technical assistance; communications	Coordinates monthly calls + notes; provides technical assistance; collaborates on funded projects; fiscal sponsor	Coordinates and facilitates monthly calls + notes; technical assistance; coordinates product-specific sub-committee calls
Lobbying?	Lobby state government directly	None	Conducts public outreach/ education on pending bills	Lobby state government directly
Funding	Annual membership/partnership dues contributed to PSI (4 yrs)	Previously through a grant from Nebraska Dept. of Environmental Quality (7 yrs)	Diverse funding from professional NYS solid waste associations, recycling industry, corporate partners.	Annual membership/partnership dues contributed to PSI

funding + PSI services

core services

\$10,000

- monthly calls + notes
- technical support
- membership benefits
- membership contact lists
- group coordination + networking

additional services

up to \$30,000

- communications
- product prioritization
- model bill development
- lobbying support
- research + reports
- sub-committee meetings
- conference presentations
- fiscal agent services



are you
ready to move forward?
what are your **goals?**



PRODUCT
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thank
you!

scott cassel

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product stewardship institute

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