What is product stewardship?

Product stewardship is an environmental and economic management strategy

- Manufacturers take responsibility for their products at the end-of-life
- Programs involve recycling and/or safe disposal of unwanted products
- Costs are shifted from local governments to the users and producers of the product
- Efficient and cohesive private sector systems are created that are effective in providing and promoting accessible end-of-life management systems for their products
How does product stewardship work?

Cost of program is funded by producers & consumers that purchase the product.
## Existing Programs in Washington State

### E-Cycle Washington

- **Launch:** January 1, 2009
- **More than 350 collection sites**
- **Over 363 million lbs. recycled**
- **More than 125 private-sector jobs created**

### LightRecycle Washington

- **Launch:** January 1, 2015
- **More than 220 collection sites**
- **Over 3 million lights recycled**

### Solar PV Modules

- Passed 2017, will be established by 2020 for each region of the state.
Financing and Costs

- Cost Internalization.
- Covers costs of collection, transport, processing, promotion.
- Average cost per lb. about $.28 now, compared to $.35 for gov. programs in 2008.
- ~$8.3M in 2017, ~$98.16M overall.
- Env. Handling Charge at point of sale = $.95 each bulb or tube.
- PROBLEMS – technologies going extinct, government oversight of fee.
- Does not cover full cost of collection, just supplies, transport, processing.
Local Programs in Washington State

Established:
• King County
• Snohomish County

Passed and Coming:
• Pierce County
• Kitsap County
• Clallam County
• Whatcom County

We Need a State-wide Program!

HB 1047
Protecting the public’s health by creating a system for safe and secure collection and disposal of unwanted medications.
http://app.leg.wa.gov/billsummary?BillNumber=1047&Year=2017
Programs Across the U.S.

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

There are currently 10 states with "Bottle Bills" (container deposit laws). These systems are highly effective at recovering beverage containers and providing high quality recovered materials to recycling markets that create jobs. Bottle Bills shift responsibility upstream to container producers but differ among states in the roles and responsibilities assigned to manufacturers, distributors, retailers, and state governments.

The map does not include other laws that contribute to the appropriate management of products, such as disposal bans and sales bans on products containing toxic materials, deposit fees that may be redeemed when the consumer recycles the product, policies requiring retailers to collect products for recycling, and policies requiring the purchase of environmentally preferable products.

Source: Product Stewardship Institute, Inc. (2017)
Programs Across Canada – Over 200

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No regulated programs in Nunavut; Ontario - deposits on wine, liquor and beer only; MB - microwave ovens; Ink cartridges not regulated; Milk containers in BC part of Packaging & Printed Paper.

Compiled by: MGM Management; mckenney@vip.net

April 2017
Packaging EPR in 2000

Note: First EPR Law was in Germany - 1992

Source: Victor Bell, EPI
Packaging EPR in 2015

Source: Victor Bell, EPI