





Alternative Financing Systems For Collection and Recycling of E-Waste

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Eastside MRW Coordinators Meeting
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ESHB 2488 Process

- Study bill passed unanimously in 2004 session
- Ecology is responsible party
- Makes recommendations to legislature Dec. 2005
- SWAC subcommittee provides input
- Meetings: 6/8, 7/12, 9/14

<http://www.ecy.wa.gov/programs/swfa/ewaste/>



Prepare Now!

- Washington will be battleground state in 2006
- Various financing models - each with many implications
- Not interested in electronics?
 - Mercury containing devices, paint, pesticides, batteries, etc.



Does the Financing System...

- ...cover all the costs of collection, transport, processing?
- ...place responsibility on government or manufacturers?
- ...encourage robust and convenient collection opportunities for public?
- ...allow local businesses, charities, etc. to participate?
- ...provide feedback to manufacturers to improve design of products and/or system?
- ...have broad enough support to get legislation passed?



What to examine?

- States with legislation passed: CA, ME, Maryland
 - States with legislation in play: MN, OR, MA
 - New England Regional Electronics Legislation Project: 10 states
 - Position papers:
 - Manufacturer Coalition, HP, Consumer Electronics Retailers Coalition, Computer Take Back Campaign, etc.
- <http://www.productstewardship.net/>**



Example: California

- Advance Recovery Fee collected at point of retail sale
- State collects and manages
- Pay \$.20 to collectors, \$.28 to processors
- cell phones: retailers must provide collection system



Example: Maine

- Partial Cost Internalization System (no fee collected)
- Local Governments required to collect and deliver to consolidation
- 5 Consolidation points in state
- Individual brand owners responsible for their equipment and share of orphans from consolidation on



Example: Maryland

- Manufacturers selling in state pay annual registration fee to state
- Fee decreases if they provide own program
- \$5,000 per year/\$500 per year
- Fees pay for enforcement and grants to local governments



Quick Analysis

- CA: great system but big bureaucracy, retailers hate, no manufacturer role, fee on everything in future?
- ME: sticks local govs with collection and \$.10-\$.20 per lb. costs
- Maryland: Required revenue significantly off mark. No reason for company to do own program.



Other Options: MN

- Scenario one:
 - ME system minus requirement that local govs collect, business arrangements instead
 - strong performance standards
 - collectors reimbursed for costs
- Scenario two:
 - Required fee submitted by manufacturer at point of wholesale or direct retail
 - System managed by TPO, not gov.



Other Options: OR

- California system much improved and funds and system managed by Third Party Organization and not government

Many Alternatives and Hybrids!

- Advance Recovery Fee for TVs, Cost Internalization for computers
 - what about convergent technology?
IBM?
- ARF for historic, CI for new, as of set date
- ARF pays for just collection, CI the rest
 - administration problems?
- Manufacturers pay ARF to trust fund, retailers pass through visible ARF to consumer



Recommendation

- Become very informed and versed in systems
- Coalitions are forming - critically examine their approaches and push for improvements
- When legislation with broad multi-stakeholder support is introduced, unite behind it and get it passed.
- “perfection is the enemy of the good”



More Information

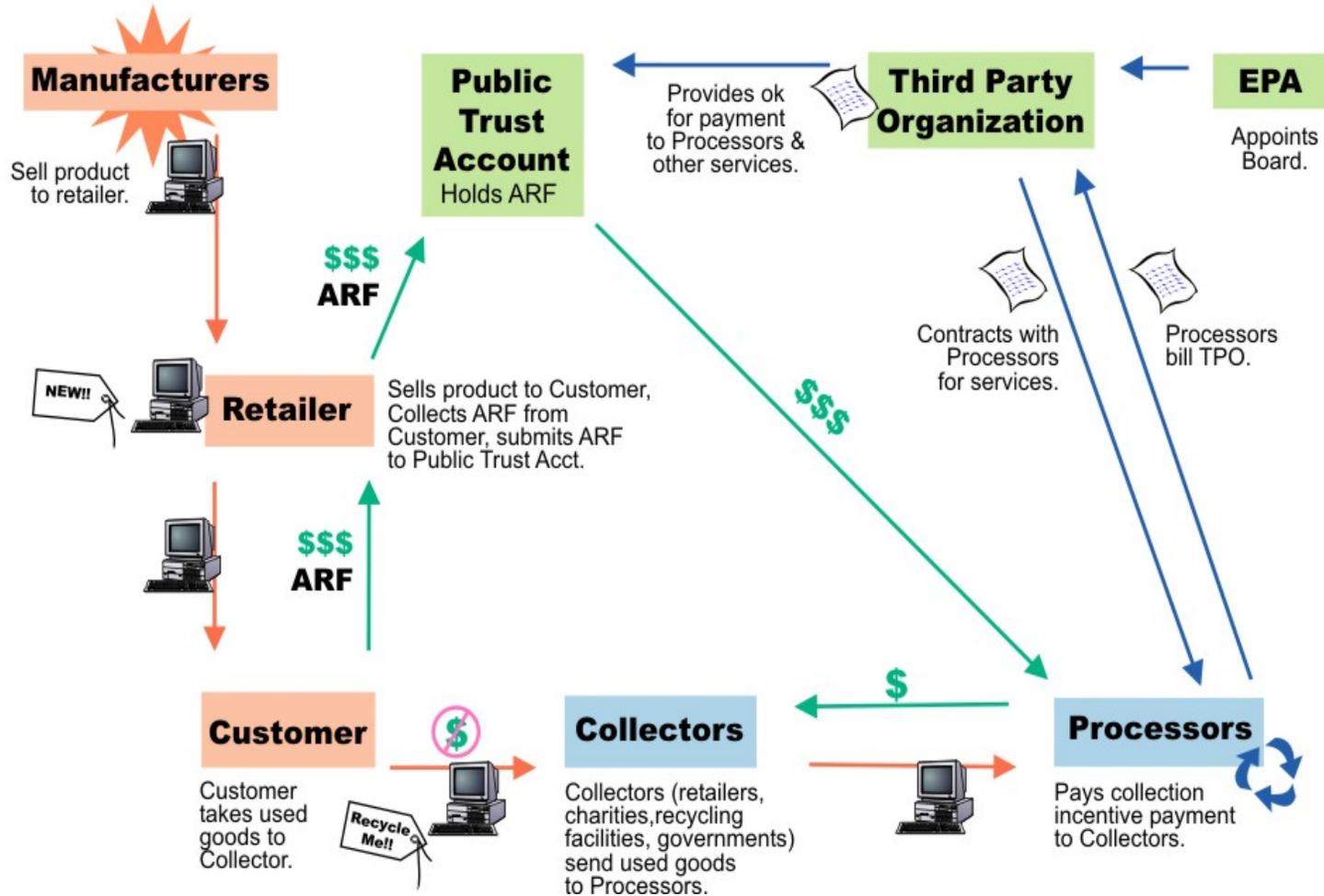
- Northwest Product Stewardship Council:
www.productstewardship.net
- Ecology 2488 Process
<http://www.ecy.wa.gov/programs/swfa/ewaste/>
- New England Electronics Legislation Project
<http://www.nerc.org/>

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Advanced Recovery Fee System (ARF) for Electronic Products



Extended Producer Responsibility System (EPR) for Electronic Products

