



October 19 & 20, 2010
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Overview of State & Federal Legislation

Aida Sefic Williams, Process Engineer
Illinois Sustainable Technology Center



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Agenda

- ▶ Existing Federal Laws
 - ▶ CRT Rule
- ▶ Proposed Federal Legislation
 - ▶ Research and Development Act - HR 1580/S 1397
 - ▶ Promoting Responsible Recycling – H. Res. 938
 - ▶ E-Waste Export Ban – HR 6252
- ▶ State Laws
 - ▶ Current
 - ▶ Proposed



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Existing Laws - CRT Rule

- ▶ Goal: Reduce the amount of lead in landfills and increase recycling of CRT glass
- ▶ Passed: July 28, 2006
- ▶ Applies to: Collectors and recyclers
- ▶ CRTs not considered hazardous if:
 - ▶ Containers contents are clearly labeled
 - ▶ Transported safely to minimize releases
 - ▶ Stored in buildings or containers to minimize releases
 - ▶ Stored less than a year prior to recycling



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Existing Laws - CRT Rule

- ▶ **Special Cases:**
 - ▶ CRTs undergoing glass processing must be processed in a building with temperatures that will not volatilize lead
 - ▶ Processed CRTs sent to a glass manufacturer or smelter are unregulated, unless they are stored for more than a year or are discarded through disposal.
- ▶ **CRT Exports:**
 - ▶ EPA must be notified 60 days before the shipment
 - ▶ Can include broken and unbroken CRTs
 - ▶ Must receive written consent from the receiving country
 - ▶ Exporters shipping CRTs for reuse must submit a one-time notification to the EPA



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Pending Legislation – S1397

- ▶ **Electronic Waste Research and Development Act**
- ▶ Introduced: July 6, 2009
 - ▶ Sen. Amy Klobuchar (MN)
- ▶ Goal: Administrator of the EPA could award grants for electronic device recycling research, development, and demonstration projects, etc.
- ▶ Supported research
 - ▶ Providing data on current practices and environmental impacts
 - ▶ Increasing efficiency of the current industry (design, manufacturing, waste collection, refurbishment, etc.)
 - ▶ Developing environmentally preferable alternatives
 - ▶ Consumer behavior and education



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Pending Legislation – S1397

- ▶ Available to: Consortia of engineers, scientists, and others
- ▶ Funding:
 - ▶ \$18M for FY 2011
 - ▶ \$20M for FY 2012
 - ▶ \$22M for FY 2013
 - ▶ For-profit contribution: 10%
- ▶ Status
 - ▶ Passed unanimously in the house on Mar. 18, 2009
 - ▶ Introduced in the Senate on Jul. 6, 2009



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Proposed Legislation – H. Res 938

- ▶ Introduced: Nov. 19, 2009
 - ▶ Rep. Michael Thompson (CA)
- ▶ Goal: Legislative branches should work together in developing a process for managing computer waste
 - ▶ Encourage reuse and recycling
 - ▶ Lead by example
- ▶ Status: Referred to Committee on House Administration on Nov. 19, 2009



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Proposed Legislation – HR 6252

- ▶ **Responsible Electronics Recycling Act of 2010**
- ▶ **Introduced:** Sep. 29, 2010
 - ▶ Rep. Raymond Green (TX) and Rep. Mike Thompson (CA)
- ▶ **Corporate support:** Apple, Dell, and Samsung
- ▶ **Goal:** Prevent the export of restricted electronic waste from the US to developing nations
- ▶ **Exemptions:**
 - ▶ Non-hazardous or tested electronic products (refurbished products)
 - ▶ Products under warranty sent to manufacturing facility
 - ▶ Recalled parts
 - ▶ Crushed CRT glass cullet that will be used in CRT glass manufacturing



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Proposed Legislation – HR 6252

▶ Export Conditions

- ▶ Must receive written consent from competent authority of the receiving country
- ▶ Sent by OEM or OEM contractors
- ▶ For refurbishers
 - ▶ Keep track of business records and shipments for 6 years
 - ▶ Submit annual report with type, amount of e-waste, receiving country of export, transit countries, etc.

▶ Violations

- ▶ Criminal violation






▶ Status: Referred to House Energy and Commerce Committee



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State Laws



-  Ewaste Law and/or Disposal Ban
-  Proposed Ewaste and/or Disposal Ban
-  Task Force Law
-  Disposal Ban Only
-  No Ewaste or Disposal Law



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Existing State Legislation

- ▶ E-Waste Recycling and Disposal Bans (13)
 - ▶ California – Advanced Recycling Fee
 - ▶ Connecticut
 - ▶ Illinois – Includes Refurb.
 - ▶ Indiana
 - ▶ Maine
 - ▶ Minnesota
 - ▶ New Jersey
 - ▶ New York City
 - ▶ New York State
 - ▶ North Carolina
 - ▶ Oregon
 - ▶ Rhode Island
 - ▶ South Carolina



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E-Waste Recycling and Disposal Bans

- ▶ E-Waste Recycling Only (11)
 - ▶ Hawaii
 - ▶ Maryland
 - ▶ Michigan
 - ▶ Missouri
 - ▶ Oklahoma
 - ▶ Texas
 - ▶ Vermont
 - ▶ Virginia
 - ▶ Washington
 - ▶ West Virginia
 - ▶ Wisconsin
- ▶ Disposal Ban Only (3)
 - ▶ Arkansas
 - ▶ Montana
 - ▶ New Hampshire



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Proposed E-Waste and Disposal Bans

- ▶ Arizona
 - ▶ E-Waste Law and Disposal Ban
- ▶ Kentucky
 - ▶ E-Waste Law
- ▶ Massachusetts
 - ▶ E-Waste Law and Disposal Ban
- ▶ Nebraska
 - ▶ E-Waste Law
- ▶ Ohio
 - ▶ E-Waste Law
- ▶ Pennsylvania
 - ▶ E-Waste Recycling and Disposal Ban
- ▶ Utah
 - ▶ E-Waste Recycling



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Task Forces / No Laws

- ▶ Task Force (4)
 - ▶ Colorado
 - ▶ Georgia
 - ▶ Nevada
 - ▶ New Mexico
- ▶ No E-Waste Legislation (12)
 - ▶ Alabama
 - ▶ Alaska
 - ▶ Florida
 - ▶ Iowa
 - ▶ Idaho
 - ▶ Kansas
 - ▶ Louisiana
 - ▶ Mississippi
 - ▶ North Dakota
 - ▶ South Dakota
 - ▶ Tennessee
 - ▶ Wyoming



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State Law Summaries

State	Waste Law	Bill Number	Passed On	Takes Effect	TV	CRT	Desktops	Laptops	Monitors	Peripherals	Printers	Fax Machines	Cell Phone	PDA's	MP3's	Video Game Consoles	VCR/CD/DVD Players	
Arizona (AZ) PROPOSED	Ewaste	HB 2614, Article 11 PROPOSED	-	Jan. 1, 2011														
	Disposal Ban	HB 2614, Article 11 PROPOSED	-	Jan. 1, 2013														
Arkansas (AK)	Ewaste	-	-	-														
	Disposal Ban	Act 970/HB 2115	Mar. 18, 2005	Jan. 1, 2008														
California (CA)	Ewaste	SB 50 and Code of Regulations Title 22, Division 4.5 and AB 2901	2004	July 1, 2004														
	Disposal Ban	DTSC Control No. R-97-08	Aug. 2001	2002/2006														

<http://www.sustainelectronics.illinois.edu/policy/state.cfm>



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Contact Information

▶ **Aida Sefic Williams**

▶ awilliams@istc.illinois.edu

▶ **Sustainable Electronics Initiative**

▶ www.sustainelectronics.illinois.edu

▶ **Electronics and Sustainability Symposium**

▶ March 23-24, 2011

▶ Champaign, Illinois



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References

- ▶ <http://www.epa.gov/waste/hazard/recycling/electron/crt-fs06.pdf>
- ▶ <http://www.epa.gov/waste/hazard/recycling/electron/index.htm#crt>
- ▶ <http://www.sustainelectronics.illinois.edu/policy/federal.cfm>
- ▶ <http://www.govtrack.us/congress/bill.xpd?bill=h111-6252>
- ▶ <http://www.govtrack.us/congress/bill.xpd?bill=hr111-938>
- ▶ <http://www.govtrack.us/congress/bill.xpd?bill=s111-1397>
- ▶ <http://www.sustainelectronics.illinois.edu/policy/state.cfm>