



THE FUTURE OF ELECTRONIC WASTE MANAGEMENT IN CALIFORNIA

Stakeholder Workshop – March 15, 2017

MUCH HAS BEEN ACHIEVED, BUT...

- SB 20 only addresses certain video display devices
- Historically CEW mostly CRT devices
 - Traditional CRT glass markets disappearing
- Non-CRT CEW now nearly 90% of claim volume by weight
 - Lower value / higher cost
- What about non-CEW?
 - Wide range of value and complexity

EXAMINING PARALLEL TRACKS

- Enhancements to existing program that don't require statute change; do require regulatory changes
 - Multiple payment rates for existing covered devices
 - Whether to modify specific documentation requirements
- Changes that require statute and regulatory changes – two models for today's focus:
 - Maintain Fee and Payment program and add printers
 - New product stewardship model
 - Questions about broader stewardship approach



FUTURES PROJECT

- Undertaken in recognition of future challenges
 - Survey July 2016
 - Workshop September 2016
 - Research, interviews, models
 - Workshop March 2017
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WORKSHOP DOCUMENTS

- Introduction to the Scenarios – NOT CalRecycle policy proposals – hypothetical examples for discussion purposes
- Attachment 1 – Concepts for Enhancing Existing Fee and Payment Model; Adding Printers as CEW
- Attachment 2 – Concepts for Electronic Waste Product Stewardship Model; Printer Scenario
- Attachment 3 – Questions to Consider for an Electronic Waste Management Product Stewardship Model

CONCURRENT INITIATIVES

- Formal Rulemaking
 - Finalize two emergency regulations (residuals management, administrative penalties)
 - Incorporate a variety of other needed fixes
- Proposals to change cancellation, claim criteria
 - Primarily affects non-CRT devices
- Further consideration of document streamlining in future

CONCURRENT INITIATIVES


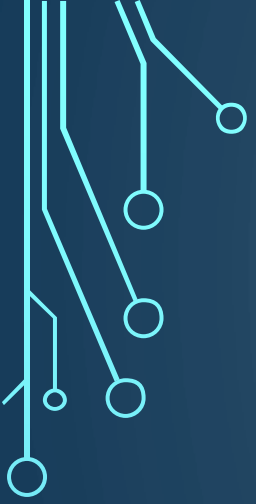
- Recycling Payment Rates
 - Recognition that rates adequate for CRT CEW may not suffice
 - Authority for recycling rates for “major categories”
- Information needed to consider option
 - Asked via Net Cost Report cycle
 - Open to analysis, report on ongoing basis
- Timeframe to act will evaporate quickly; please engage now

CONCEPTS FOR **ENHANCING EXISTING FEE AND PAYMENT MODEL**; **ADDING PRINTERS AS CEW**

- Legislation
- Regulations
- Implementation
 - Scope
 - Rational for adding printers
 - Data needed
 - Determine consumer fee

CONCEPTS FOR **ENHANCING EXISTING FEE AND PAYMENT MODEL**; ADDING PRINTERS AS CEW

- Implementation – continued
 - Determine recovery and recycling payments
 - Materials management standards
 - Processing documentation
 - Criteria and mechanisms to claim payment
- Pros and Cons
- Challenges and Issues to Address





CONCEPTS FOR ELECTRONIC WASTE **PRODUCT STEWARDSHIP** MODEL; PRINTER SCENARIO

- Definitions
 - Scope
 - Legislation
 - Primary Roles and Responsibilities
 - Goals
 - Financing
 - Enforcement
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CONCEPTS FOR ELECTRONIC WASTE **PRODUCT STEWARDSHIP** MODEL; PRINTER SCENARIO

- Materials Management Standards
 - Transparency and Accountability
 - Education and Outreach
 - Product Design
 - Pros and Cons
 - Challenges and Issues to Address
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QUESTIONS TO CONSIDER FOR AN ELECTRONIC WASTE MANAGEMENT PRODUCT STEWARDSHIP MODEL

- Program Design
 - Financing Questions
 - Environmental Issues
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STAY ENGAGED

- Keep talking – we'll keep listening!
- Subscribe to the E-Waste listserv at

<http://www.calrecycle.ca.gov/Listservs/Subscribe.aspx?ListID=10>

- E-waste Futures webpage:

<http://www.calrecycle.ca.gov/Electronics/Future/Default.htm>

- For questions or concerns contact:

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