



MAXUS Technology Inc.

Asset Recovery
Equipment Sourcing
E-Waste Recycling

Total Technology Solutions

Presentation Overview

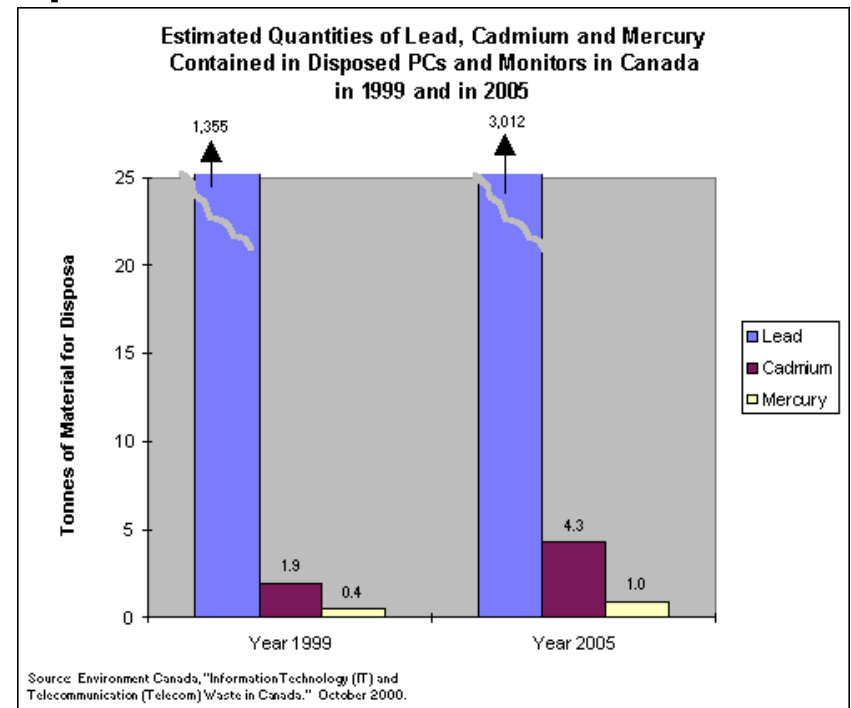
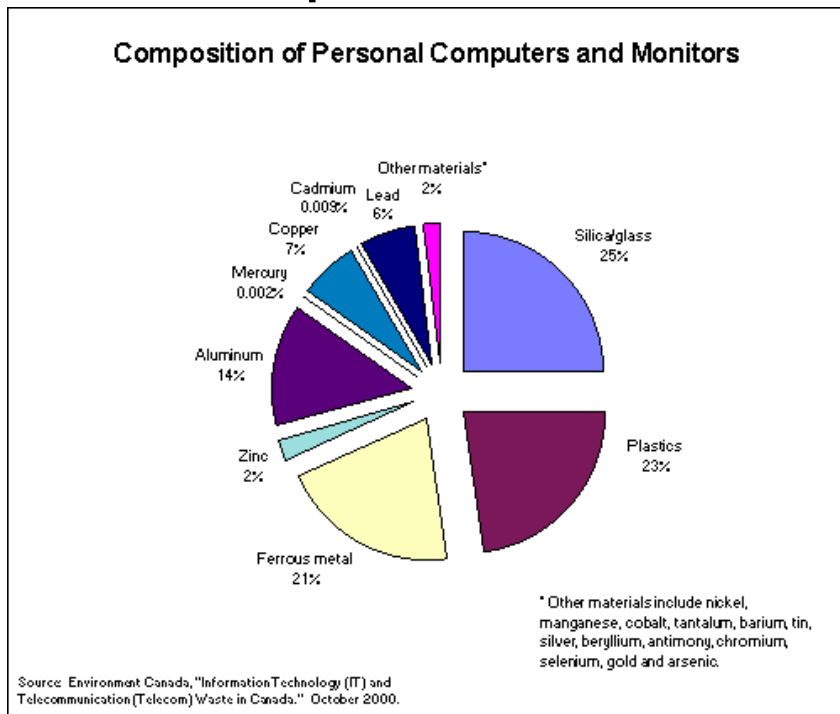
- Electronic Waste (e-waste) – volumes and hazards.
- EPR & sustainable E-Waste Recycling.
- The MAXUS System.
- Success Stories.
- Questions?

Why Recycle E-Waste?

- E-waste is Canada's fastest growing waste stream.
- In 1999, Environment Canada estimates that over 36,000 tonnes of e-waste was disposed of.
- By 2005, Environment Canada estimates that over 71,000 tonnes of e-waste will be disposed of.

Why Recycle E-Waste?

- E-waste contains hazardous materials. ex: A computer monitor has up to 8lbs of lead in it.





What is EPR?

- Extended Producer Responsibility.
- Denotes a responsibility on behalf of the manufacturer for the full life-cycle of the product.
- Does not necessarily mean the manufacturer pays for recycling.
- Alberta's Beverage Container Recycling Regulation is a good example of how EPR can be effective.



Current Recycling Responsibility:

- Municipalities and Recyclers.
 - Recent eCycle Day in Calgary collected over 220 tonnes of material.
 - Totally initiated by the City of Calgary and MAXUS.

Where Recycling Responsibility for Sustainability should be:

- Shared Responsibility
 - Consumer, Manufacturer and Federal/Provincial/Municipal Governments.
 - Point of Purchase fees administered by industry and government to ensure system integrity.



Why Recycling Becomes Sustainable When Responsibility Shifts

- Disposal is considered in the design process of the product – “Greening the Product”
 - A computer in North America contains many more hazardous components than the same brand and model in Europe.
- Point-of-purchase environmental fees constantly replenish funds for collection and recycling.
- Regulation levels the playing field and raises environmental standards amongst recyclers.



The MAXUS System

“Proof there is an afterlife.”



Why the MAXUS System Improves Sustainability

- Allows for maximum recovery of assets with minimal processing – extends the lifecycle of the product and decreases costs.
- Full recovery of all commodities reduces need for mining of virgin material – reducing society’s overall environmental impact.
 - ***Recycling aluminum uses 90% less energy than mining for virgin aluminum.***

EPR

Success Stories

- Dell Computers has launched a recycling program for their American clients.
 - Recently conducted a multi-city eCycling Tour to collect e-waste.
 - Offer takeback option on their website for clients purchasing new computers.
- Panasonic has committed to developing solutions for their products.
 - Advertising of their program denotes a commitment to it.



E-Waste Recycling Success Stories

- MAXUS & the City of Calgary recently conducted the largest e-waste roundup every held – over 220,000 kg collected.
- This equates to 44 fully-grown male Asian elephants or one 767 Boeing Jet.



Things are looking up – E-Waste Recycling Success Stories

- Our roster of corporate clients is growing daily and now includes many top multinationals.
- Corporate e-waste accounts for over 65% of all e-waste in Canada – Growth in our corporate account list indicates an acceptance of the need for proper e-waste recycling, and a willingness to pay for it.



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Questions?