Whole Life Considerations in IT Procurement

It's not easy being green but the payback is a clean and beautiful planet

Where We're Going Today

- 10000 foot overview of three case studies
- Lessons learned
- Why do we care
- Vendor relationships
- What's happening
- What needs to happen

Three Case studies

- The Laptop Standardization
- The PDA Standardization
- The LCD vs. CRT Monitor Comparison

Laptop Standardization

- Gave equal weight in our decision to environmental factors
- Provided vendors with a list of 10 questions
- A painful process

PDA Standardization

- Similar to the laptop, but we had learned a little about where to go for answers
- Vendors responded better in general because we had them trained

DigitalByNature.c

LCD vs. CRT Comparison

CRT

17 in / 15.9 in viewable

5048 in3 volume

45.7 lbs.

63 watts (full on power)

11.5 watts (low power)

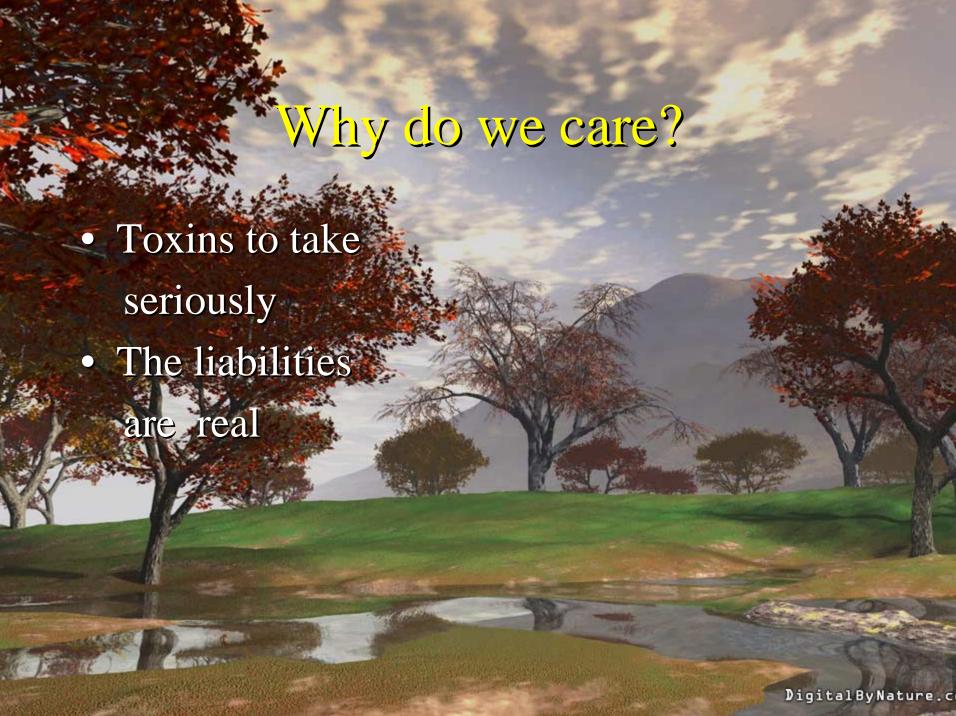## LCD

15.1 in viewable

1452 in3 volume

10 lbs.

30 watts (full on power)

6.3 watts (low power)

Lessons Learned

- Sales Reps don't know and don't (really) care

- Those who do can be buried deep in the organization

- More information is often available online

Why do we care?

- Toxins to take seriously
- The liabilities are real

Toxins

- Lead
- Mercury
- Halogenated Flame Retardants
- Etc

Liability

- Examples of law
- Embarrassing revelations

Vendor Relationships

- Able to direct their environmental decision making
- Everyone learned more about what can be done

Successes with Vendors

- Multi Crate Cart
- End of Life discussions with Seattle Schools

The Good

- Eco Labels
- EPA
- Other resources

DigitalByNature.co

The Hope

- EPEAT
- Vendor consciousness raising
- Purchasing agent awareness
- Governmental regulations

The Charge

- Get involved with your government
- Expect more from your vendors
- Get educated
- Implement new procurement practices

Web Sites

- http://www.ecma.ch   The European Computer Manufacturers Association (ECMA) is an international, industry association founded in 1961 and dedicated to the standardization of information and communication systems.

- www.tcodevelopment.com   TCO The Swedish Confederation of Professional Employees.

- http://www.epa.gov   Environmental Protection Agency.

- http://www.epa.gov/dfe/index.htm   DfE EPA's Design for the Environment.

- http://yosemite1.epa.gov/oppt/eppstand2.nsf/Pages/DisplayAisle.html?Open&Computer%20Store&Computers   EPA's Environmentally Preferable Purchasing database.

- http://www.svtc.org   Silicon Valley Toxics Coalition. A comprehensive site on high tech impacts on community, worker and environmental health.

- http://www.productstewardship.net/index.html   The Northwest Product Stewardship Council (NWPSC) is a group of government agencies working with businesses and non-profit organizations to integrate product stewardship principles into the policy and economic structures of the Pacific Northwest.

- http://www.epeat.net/ A multi-stakeholder process to design and implemenmt a tool for evaluating the environmental performance of electronic products.

- http://www.newdream.org/procure/products/computers.html Computer purchasing strategies for governments.

City of Seattle

David Matthews

david.matthews@seattle.gov

Shirli Axelrod

Shirli.axelrod@seattle.gov

DigitalByNature.c