



Life *S*pan

Technology Recycling

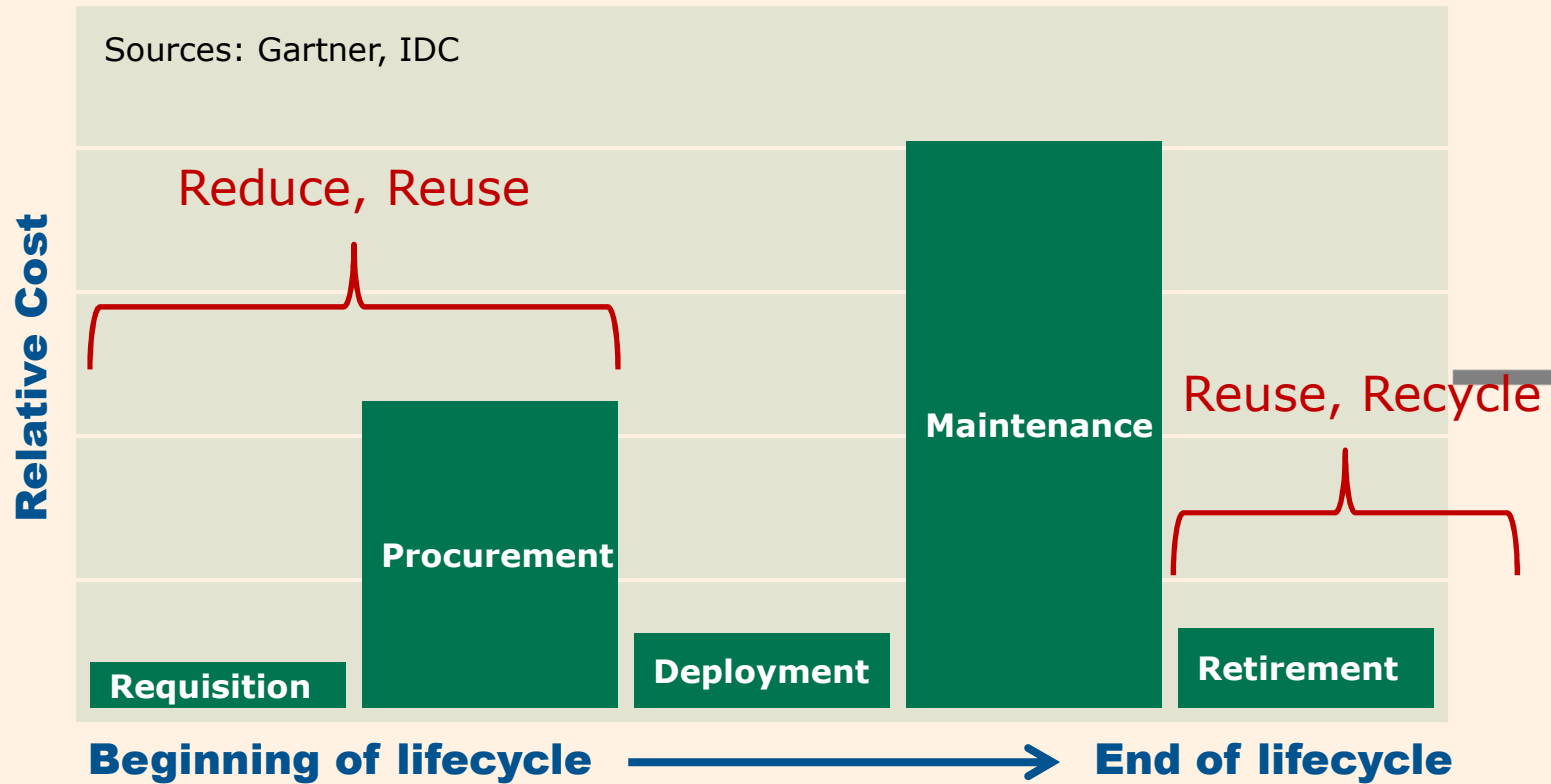
Sustainability Spells Opportunity for IT

Dag Adamson, President/Founder

Sustainability Formula

- Reduce
- Reuse
- Recycle

IT Asset Life Cycle – Go Green!



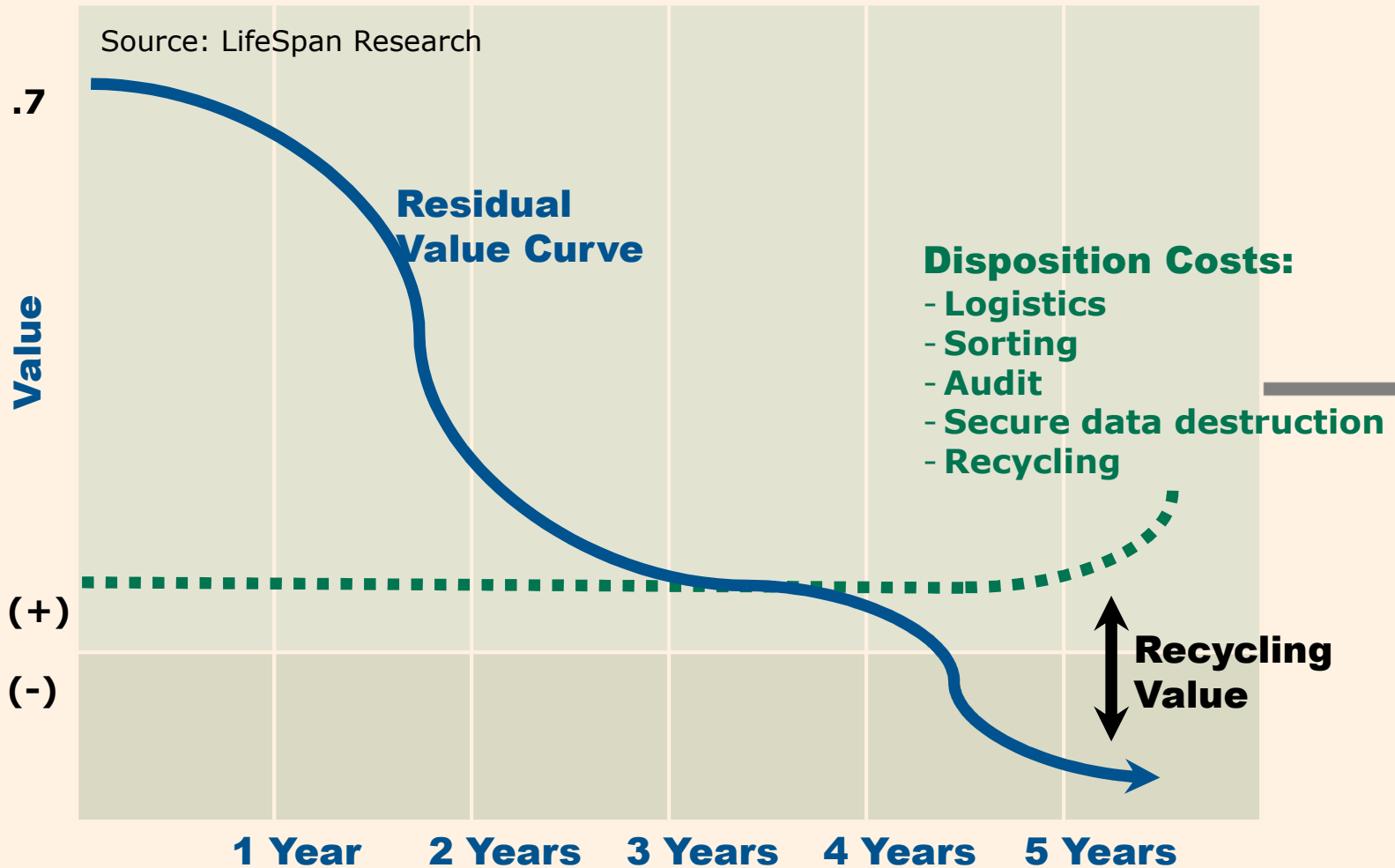
Sustainability: **REDUCE**

- ✓ EPEAT purchasing
- ✓ Fewer printers and copiers in the office
- ✓ Shared offices
- ✓ Single PC/laptop per worker
- ✓ Use them longer
- ✓ Redeploy internally so no need for new
- ✓ Lifecycle management (ITAM)

CHALLENGES & ISSUES

- Changing people's work habits
- Expectation of "latest and greatest"
- New applications require new systems

Think about the End At the beginning



Confidential – not for distribution without LifeSpan’s written consent.

Sustainability: REUSE

- ✓ Redeploy internally
- ✓ Sell to employees
- ✓ Donate to charity
- ✓ Resell on the open market

CHALLENGES & ISSUES

- Data security
 - Hard drives – all devices!
 - Mobile devices with keys, access & data
- Software licenses
- Technical support
- Charities – getting what they need, not what you have

Data Security Reuse can be safe and compliant

- HIPAA/HITECH
 - Gramm Leach Bliley (GLB)
 - Fair and Accurate Credit Transaction Act (FACTA)
 - Sarbanes Oxley (SOX)
-
- NIST 800-88
 - DoD 5220.22-M **
 - NAID AAA Certification
 - Process & People
 - Detailed Reporting

Sustainability: RECYCLE

- ✓ Handle hazardous materials
- ✓ All scrap reintroduced into marketplace
- ✓ Know the chain of custody

CHALLENGES & ISSUES

- Do you know how it is handled by the recycler?
 - Where does it go? Do you have proof?
 - Did you send it to the right company?
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What's in there?

Mercury
Plastic
Aluminum
Zinc
Barium
Copper

Tin
Iron
Silica
Lead
Gold
Silver

How Much Does it Matter?

48,000 lbs
e-waste recycled

From a single large Colorado University

-- Equivalent To --

14,990 MCTE
(metric tons carbon equivalent)

14,990 MCTE

EPA: R2 (Responsible Recycling)

Multi-stakeholder: EPA, recycling industry, manufacturers, state/local governments all got together

Set standards, best practices

Third party audit and certification (similar to ISO)

Require it! Assure your organization that when you turn e-waste over to a recycler it really gets recycled, and not in a dump or shipped to a poor country illegally

Don't Risk it! A company that has "pledged" to follow the standards is not the same as one that has been audited and can document it.



Get Credit!

Information Technology management can drive a significant contribution to your organizations sustainability efforts

Volume/Weight Recycled
Equivalent Carbon Impact
LEED Points

Communicate and report the impact!

Report to IT team, employees, CSO
How Much, Where Did It Go, Impact

Include in Sustainability Reports and call out electronics/IT

Contact:

LifeSpan Technology Recycling has principal offices in Boston, Tampa, Omaha, Denver, and San Diego providing I.T. investment recovery and recycling services through a network of 20 processing facilities nationwide.

LifeSpan's focus is to reduce their customers' environmental, privacy, and reputation risks associated with IT asset disposal by using best management practices.

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