

Sustainable IT Procurement

Minimize Environmental Impact, Maximize Efficiency

Carbon Footprints, Energy Usage, and E-Waste

IT leaders are rethinking procurement to minimize environmental impact while maximizing efficiency. Here's how a sustainable IT lifecycle can transform your business.

Let's talk about Carbon Footprints

Estimated greenhouse gas emissions during manufacturing process¹



40% desktop



70% laptop



80% tablet



85% smartphone



The device you use matters

5x



Laptops, tablets, and smartphones have a significantly lower carbon footprint during their use phase than desktops¹

A desktop carbon footprint is 5x more than a laptop

What you can do:

- ✓ Choose vendors with **eco-friendly certifications** (e.g., ENERGY STAR®, EPEAT, ISO 14001)
- ✓ **Implement IT Asset Management (ITAM)** to track hardware use and prevent unnecessary purchases.
- ✓ Extend the lifecycle of devices through **proactive maintenance and software updates**.

Data Center Power Usage

1%



of global electricity is consumed by data centers²



Power consumption generated from data centers will increase **3% to 8%** in US by 2030³



40%

Estimates suggest that energy consumption can be **reduced** by up to **40%**³

4 energy efficient strategies:



- Virtualization
- Efficient cooling systems
- Energy-efficient hardware
- Efficient data storage⁴

E-Waste: The Tech Graveyard's Dirty Little Secret



62 million tons of e-waste produced in 2022⁵



< one quarter of e-waste mass was properly recycled in 2022⁵

What you can do:

Repurpose, Refresh, Redeploy, Responsible Recycling

- ✓ **Upgrade and repurpose** old equipment internally **before considering disposal**.
- ✓ Consider **internal hardware refresh** programs that allow employees to use slightly older, still-functional devices.
- ✓ Partner with a **certified e-waste recycler** and donation programs to **ensure ethical disposal**.

Sustainable IT Sourcing is a Win-Win



Lower Costs:

Extending hardware lifespan and optimizing procurement reduces capital expenditures.



Regulatory Compliance:

Align with sustainability regulations to avoid fines and legal risks.



Brand Reputation:

Companies prioritizing sustainability see stronger investor and consumer trust.

Ready to Make IT Procurement More Sustainable?

At Compucom, we understand the critical importance of sustainability to our customers, partners, employees, and the communities where we live and work. As a leading MSP and strategic technology sourcing partner, we help our customers source sustainable products and services, optimize IT asset usage, and minimize e-waste through responsible disposal and recycling programs.

Lets talk



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Technology Driven.
People Powered.

¹ <https://www.statista.com/chart/32690/estimated-life-cycle-greenhouse-gas-emissions-of-electronic-devices/>

² https://www.investorideas.com/news/2025/energy/01282Global-Data-Center-Energy-Consumption.asp#google_vignette

³ https://www.csrwire.com/press_releases/814206-what-could-40-reduction-data-center-energy-use-mean-grid

⁴ https://www.energystar.gov/products/data_center_equipment/16-more-ways-cut-energy-waste-data-center

⁵ <https://ewastemonitor.info/the-global-e-waste-monitor-2024/>