

# ENVIRONMENTALLY SUSTAINABLE IT ACROSS THE ENTERPRISE

In all industries, enterprises are adopting environmentally focused IT solutions to reduce costs and create efficiencies. Many are turning to HP, long a leader in products and services designed with the environment in mind. Below are HP solutions that can improve energy efficiency, cut greenhouse gas emissions and conserve resources—all while improving performance and saving money.



## CURB POWER-HUNGRY DATA CENTERS

A typical 2,000-square-meter data center consumes as much power annually as a 40,000-square-meter office building.

## MEET VIRTUALLY INSTEAD OF FLYING

Using HP Halo to eliminate 1,000 commercial flights between New York and London for one person can prevent more than 1,200 tonnes of CO<sub>2</sub>e emissions—and save \$2 million in airfare.<sup>5</sup> HP SkyRoom will bring high-definition collaboration to the desktop, making virtual meetings even more accessible to a larger number of people.

## RECYCLE IT EQUIPMENT AND PRINT SUPPLIES

The plastics and metals in IT equipment can be used in new products, lowering demand for raw materials and diverting waste from landfills. To date, HP has recovered 157,500 tonnes of print cartridges through its Planet Partners return and recycling program.

## TAKE CONTROL OF YOUR PRINTING AND IMAGING

By centrally managing your printing fleet with HP Web Jetadmin software, you can set device sleep and wake modes. And to save even more money, turning off imaging and printing devices outside of business hours can help lower energy costs associated with office equipment by up to 66%.<sup>54</sup>

## TURN ON POWER MANAGEMENT

All HP PCs and monitors ship with energy-saving settings enabled. Using power management can save up to \$75 per desktop computer and monitor each year.<sup>1</sup>

## CONVERT TO ENERGY-EFFICIENT PCs

HP was the first leading PC maker to offer desktops with 80% efficient power supplies, required under stringent ENERGY STAR<sup>®</sup> 4.0 guidelines. HP lab tests found that PCs equipped with these power supplies and other ENERGY STAR 4.0 hardware requirements can reduce total system power use by more than half.<sup>2</sup>

## LIGHTEN UP

Notebook PCs and flat-panel displays use fewer raw materials in manufacturing and less packaging to ship. Flat-panel HP TouchSmart IQ 500 series PCs, which feature an integrated PC and monitor, use 55% less metal and 37% less plastic than standard PCs and monitors.<sup>3</sup>

## PRINT IMMEDIATELY OUT OF POWERSAVE MODE

HP estimates that for monochrome LaserJet products, the energy saved by using Instant-on Technology between 1993 and 2007 avoided nearly 6.5 million tonnes of CO<sub>2</sub>e emissions, the equivalent of removing 1.4 million cars from the road for a year.

**MEASURE YOUR PRINTING CARBON FOOTPRINT**

Use the online HP Carbon Footprint Calculator for printing to assess the impact of your printer fleet or to compare product-specific energy usage. Visit [hp.com/go/customer/URLs](http://hp.com/go/customer/URLs)

## HP Managed Print Services saves more than \$3M at 3M

Partnering with HP through a Managed Print Services agreement has saved 3M more than \$3 million in two years in the U.S. alone. The new printers use less power than the devices they replaced, and are set to default to duplex printing. So 3M saves both energy and paper. In addition, 3M participates in the HP Planet Partners Recycling Program, recycling 100% of its print cartridges.

Read the 3M case study and download "A Green IT Action Plan for Printing and Imaging," at [hp.com/go/customer/URLs](http://hp.com/go/customer/URLs)

<sup>1</sup> See: [energystar.gov/index.cfm?c=power\\_mgt.pr\\_power\\_management](http://energystar.gov/index.cfm?c=power_mgt.pr_power_management)  
<sup>2</sup> Internal testing; customer results will vary. Variables include customer-determined percentage of sleep state, idle state, productivity state and peak usage state. Also, manufacturing variability will affect the savings a customer may see. HP advises customers to test a system with an 80% efficient power supply in their environment to determine potential savings.  
<sup>3</sup> Percent reduction based on comparison with an HP Pavilion a6000 PC and HP w2207 monitor bundle.  
<sup>4</sup> See: [eere.energy.gov/buildings/commercial/printable\\_versions/appliances.html](http://eere.energy.gov/buildings/commercial/printable_versions/appliances.html)  
<sup>5</sup> Assumes \$2,000 per person per round trip between New York and London.