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Fact Sheet

HP and the Environment

Environmental commitment

HP's efforts to innovate and design for the environment represent a long-standing strategic decision that contributes to the company's business goals, the success of its customers, and its position as a leader in environmental responsibility. HP believes that the power of the printed page remains transformative, especially in access to learning and literacy. When printing, consumers have the power to choose printers, papers and supplies that lead to more sustainable printing. As customers look for ways to reduce their environmental impact, HP is innovating solutions that not only deliver the power of printing but also make it easier for them to print more sustainably.

HP's environmental collaborations

HP has one of the most comprehensive paper policies in the industry and is a member of WWF's Global Forest Trade Network, committed to combating illegal and unsustainable logging with responsible forest management.

Additionally, HP joined the Forest Stewardship Council (FSC®) in 2011 to be part of industry-level conversations around the protection of forests and proliferation of responsible forestry practices. HP is continuing efforts to increase the percentage of post-consumer recycled fiber in HP-branded papers and the use of pulp that is certified as sustainable by the FSC, widely regarded as the leading independent standards organization for responsible forestry.

HP has set forward-thinking commitments with the FSC and the World Wildlife Fund to reduce its environmental impact across industries:

- At least 40 percent of HP-branded paper is FSC certified and/or has at least 30 percent post-consumer content, up from less than 3 percent in 2008.
- As part of HP's membership in the WWF Climate Savers program HP has committed to reduce its global Greenhouse gas emissions to 20 percent below 2005 levels by the end of 2013.

Closing the loop: HP ink and the environment

HP provides recycling solutions in more than 50 countries worldwide. With a long history of environmental leadership with programs like HP Planet Partners, HP has offered free and convenient cartridge recycling since 1991.

As of 2010, customers have returned and recycled more than half a billion HP ink and toner cartridges since the HP Planet Partners program began in 1991, representing a weight of 438 million pounds (199,671 metric tons).

Additionally, HP has produced more than 1 billion Original HP cartridges containing post-consumer-recycled plastic. According to a life-cycle assessment, the recycled plastic used in manufacturing HP ink cartridges delivers a 33 percent lower carbon footprint than virgin plastic.⁽¹⁾

Reducing waste: HP products and the environment

HP's multifaceted approach to designing for the environment yields products and services that save energy and paper, use less materials and are easy to recycle. For example:

- The HP ENVY110 printer, an HP Eco Solution, is the planet's only PVC-free printer,⁽²⁾ is ENERGY STAR® qualified, comes with automatic two-sided printing and uses HP 60 ink cartridges, which contain up to 70 percent recycled plastic.
- The ENERGY STAR qualified HP Photosmart 6510 e-All-in-One uses less than 1 watt of energy in off mode and features automatic duplexing, which can reduce paper use by 50 percent.
- The HP LaserJet Pro CP1025nw Color Printer is one of the world's most energy-efficient color laser printers.⁽³⁾
- The HP Officejet Pro 8600A e-All-in-One series delivers professional color documents with up to 50 percent lower cost per page and energy use than competitive laser printers.⁽⁴⁾ This all-in-one is ENERGY STAR qualified and comes with an automatic duplexer to help reduce paper waste while printing or copying and an Eco-tips button in the control panel. Ink cartridges for this printer require fewer resources by weight to manufacture and package than cartridges for comparable color laser printers.⁽⁴⁾ And customers can recycle their old printer and print cartridges through the HP Planet Partners program.⁽⁵⁾
- ColorLok® technology enables customers to use recycled paper without compromised print quality from ink printing. Because recycled papers with ColorLok perform as well as many papers with no recycled content, customers can reduce their environmental impact without sacrificing print quality.⁽⁶⁾
- HP continues to pioneer ways to help customers shrink their carbon footprints. In 2012, HP inkjet printers worldwide used 13 percent less electricity per year than HP's 2011-era inkjet printers.⁽⁷⁾ That's equivalent to 71,000 tons of greenhouse gas emissions—the equivalent of taking 14,000 passenger cars off the road for a year.⁽⁸⁾
- HP continues to pioneer ways to help customers save money and reduce electricity use. From 2010 to 2011, HP inkjet printers saved consumers and small businesses \$13 million in electricity costs worldwide.⁽⁹⁾

HP EcoSolutions Store, an online resource featuring more than 300 ENERGY STAR qualified and EPEAT® registered products, provides consumers and small businesses with a simple way to identify and purchase HP products designed with the environment in mind.

HP Smart Print, a printing application that allows consumers to print just what they want from the web, assists consumers in selecting the area of the website the customer would like to print. By removing unwanted headers, footers and ads, consumers print only what they want and avoid pages with one line of content.

- (1) Many HP ink cartridges with recycled content include at least 50 percent recycled plastic by weight. Exact percentage of recycled plastic varies by model and over time, based on the availability of material.
- (2) HP ENVY110 e-All-in-One is polyvinyl chloride-free (PVC free), meeting the evolving definition of PVC-free as set forth in the "INEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR-/CFR-/PVC-free)." Plastic parts contain <1000 ppm (0.1%) of chlorine [if the Cl source is from CFRs or PVC or PVC copolymers]. Printers sold in Korea are not PVC free. USB cable, required in limited geographic areas, is not PVC free.
- (3) Energy consumed based on competitive TEC measurement results found at energystar.gov and eu-energystar.org for single-function color laser printers as of June 2010.
- (4) Compared with the majority of color laser AIOs less than \$600 USD, March 2011. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on ISO yield and continuous printing.
- (5) Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit www.hp.com/recycle.
- (6) PTS test report no 7099," PTS Paper Technology Specialists report, December 2007. For more on de-inking <http://www.hpl.hp.com/news/2009/jul-sep/deinking.html>.
- (7) Baseline figure is HP 2012 inkjet printers sold worldwide.
- (8) The EPA estimates a typical passenger car driven 12,000 miles per year emits 5.1 tons of carbon dioxide per year. <http://www.epa.gov/oms/climate/documents/420f11041.pdf>
- (9) U.S. EPA Greenhouse Gas Equivalencies Calculator. For details, see www.epa.gov/cleanenergy/energy-resources/calculator.html.

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