



Fun Facts: Original HP Supplies and the Environment

Have you ever wondered when someone would come up with a good use for all those empty plastic water bottles? HP has. Developing the technology to use recycled plastics from water bottles as well as print cartridges in new Original HP inkjet print cartridges is just one way HP reduces the environmental impact of its products. See below for 10 environmental fun facts about Original HP supplies.

For example, did you know ...

1. HP has now expanded the HP Planet Partners program to offer print cartridge return and recycling at authorized retail stores, offering environmental benefits that go above and beyond responsible cartridge recycling? By eliminating inkjet print cartridge return envelopes, HP estimates that if all cartridges returned via in-box envelopes in 2008 were returned in bulk collection boxes from authorized retail recycling locations instead, it would have reduced the amount of shipping materials required to return cartridges by more than 600,000 pounds – enough to fill more than 15 tractor trailers.⁽¹⁾ Additionally, because cartridges shipped in bulk rather than individual packages can be packed more tightly, twice as many can fit in the same space, improving efficiency during transport.
2. HP is doubling the size of its North American inkjet cartridge recycling facility to more than 80,000 square feet to accommodate increased customer awareness and participation in the HP Planet Partners program? HP has recycled more than 250 million HP print cartridges worldwide since the HP Planet Partners program for cartridge recycling began in 1991.
3. Since 2005, HP has used enough recycled plastic from sources such as water bottles and ink cartridges to make more than 200 million new Original HP inkjet print cartridges and fill more than 200 tractor trailers?⁽¹⁾
4. Plastics and metals from HP's recycled print cartridges have long been used to make a range of everyday new products from HP cartridges to auto body parts and microchip processing trays, to roof tiles and shoe soles?
5. Poor quality printing supplies can waste supplies and money? A recent study by QualityLogic found that more than one-third of pages printed from remanufactured cartridges were of limited or no use. The typical office worker prints 10,000 sheets a year,⁽²⁾ but when using a remanufactured cartridge they run the risk of having to reprint more than 5,000 pages. For a company with 500 employees that means wasted ink, 2.5 million unusable pages and an additional \$25,000 in paper costs.⁽³⁾
6. HP's enhanced low-melt toner saves up to 15 percent of energy consumption per

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page while printing?⁽⁴⁾

7. HP pledges that 100 percent of its consumer photo paper will derive from certified suppliers by the end of 2009? This is a significant step in the right direction since HP is the world's no. 1 selling brand of inkjet photo papers.⁽⁵⁾
8. Using HP's Universal Print Driver to configure printers for double-sided printing can achieve up to a 50 percent paper savings? This technology saves HP 800 tons of paper a year.
9. Last year HP redesigned its paper production process, saving 3.2 million square feet of photo paper from going into landfills each year? And the wood fibers of most HP branded papers come from sustainable forests that are certified by a creditable forestry certification programs.
10. HP Smart Web Printing helps to reduce wasted paper, ink and toner? HP offers a range of capabilities aimed at making web printing less wasteful and more user friendly.

⁽¹⁾ Based on a nominal payload of 44,000 pounds.

⁽²⁾ Lawrence Berkeley National Laboratory.

⁽³⁾ A 2007 independent study, performed by QualityLogic Inc. and commissioned by HP, compared Original HP LaserJet print cartridges with nine brands of remanufactured toner cartridges sold in North America for the HP LaserJet 2300 (Q2473A) and HP LaserJet 4350 (Q5407A) printers. Twenty-four cartridges were tested for each brand in the study. See the QualityLogic report at www.qualitylogic.com for details.

⁽⁴⁾ For example, the P1505 printer, which uses HP-enhanced Low-melt Toner Technology, uses almost 25 percent less energy per page during printing than its predecessor, the 1022 printer.

⁽⁵⁾ Based on total sheets sold of inkjet photo papers worldwide in 2007. Source: Lyra Research, Inc.

