

Inventing an environmentally sustainable future



HP Printing Supplies environmental programme – fast facts

HP product innovation delivers printing supplies that combine reduced environmental impact with excellent product quality, reliability and performance. In fact, HP has been leading the way in responsible environmental stewardship for well over a decade.

The HP Design for Environment (DfE) programme ensures that during the manufacture of HP Printing Supplies, energy and natural resources are consumed efficiently, and that the use of potentially harmful materials is minimised. The programme also ensures that recycling and recyclability become increasingly integral to HP Products throughout their lifecycles. In addition, the HP Planet Partners™ programme gives our customers a free, convenient way to return and recycle empty HP Print Cartridges. Choosing HP Printing Supplies helps you to help us keep moving towards an environmentally sustainable future.

HP Design for Environment programme facts

- Through increased yield and more efficient and environmental design, customers get more from a monochrome LaserJet print cartridge that built less today than a decade ago. This is proofed by the following facts: Yield has increased 80% since 1990 and number of parts used to make the cartridge has been reduced by 32% since 1992.
- The elimination of adhesive used in large format HP Inkjet Print Cartridges has increased their recyclability by 25%.
- Plastic parts in HP Print Cartridges weighing more than 25 grams are marked with internationally recognised ISO symbols to help material identification during the recycling process.

- Paperboard for HP Inkjet Print Cartridge packaging (in North and South America) uses 100% recycled content with a minimum 35% post-consumer waste.
- HP requires that external HP LaserJet Print Cartridge packaging be manufactured using elemental chlorine-free processes.
- HP has a patented multi-phase recycling process that de-inks the print cartridges and then sequentially separates them into component parts such as plastic, precious metals and ferrous metals.
- The manufacturing processes for both HP LaserJet and HP Inkjet Print Cartridges and their packaging do not use ozone-depleting substances.
- HP Print Cartridge manufacturing facilities are ISO 9000 and 14001 certified.
- Nearly 100 HP Printing Systems carry eco-labels from well-known programmes such as the U.S. EPA ENERGY STAR, Germany's Blue Angel, GREENGUARD, IT Eco Declaration (formerly the Nordic Information Technology Organisation), Taiwan Green Mark and Sweden's TCO.
- Modifications in HP Inkjet Print Cartridge packaging and insert materials saved more than 1.1 million kg of paper and paperboard materials in just 15 months.
- Installation guide inserts for monochrome HP LaserJet Print Cartridges have been replaced with installation instructions printed on the external packaging, saving approximately 350 tonnes of paper per year.
- For many HP LaserJet Print Cartridges, HP has replaced polystyrene end caps with pulp-moulded end caps made from 100% post-consumer recycled paper.

HP Planet Partners™ programme facts

- Worldwide, more than 10 million HP LaserJet Print Cartridges were returned and recycled in 2003. Over the year, that represents a weight equivalent to 30 Boeing 747 jets.
- HP LaserJet Print Cartridge recycling is conducted at facilities located in China, France and the U.S.
- HP LaserJet Print Cartridge return and recycling programmes are available in more than 30 countries across Asia, Europe and the Americas.
- In 2003, HP recycled up to 76% of the materials in returned HP LaserJet Print Cartridges worldwide.
- In 2003, HP recycled and recovered for energy 100% of the materials in returned HP LaserJet Print Cartridges worldwide, resulting in zero cartridge material going to landfill.
- Worldwide, more than 1.8 million HP Inkjet Print Cartridges were returned and recycled in 2003.
- HP Inkjet Recycling Facilities are located around the world in Germany, the U.S. and Australia.
- HP Inkjet Print Cartridge return and recycling programmes are currently available in more than 30 countries across Asia, Europe and North America.
- In 2003, HP recycled up to 70% of the materials in returned HP Inkjet Print Cartridges worldwide.
- In 2003, HP recycled and recovered for energy up to 90% of the materials in returned HP Inkjet Print Cartridges worldwide.
- Plastics and metals from recycled HP Print Cartridges have been used to make automotive parts, microchip processing trays, serving trays, spools and other everyday products.

To learn more about how HP supports your commitment to the environment, visit www.hp.com/environment

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5982-6209EEE. June 2004

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