

Climate Action



EPEAT (Electronic Product Environmental Assessment Tool) is a procurement tool to help institutional purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks, monitors and printers based on their environmental attributes.

HP offers products and solutions designed to help customers reduce their environmental impact, and actively supports multi-stakeholder environmental programs such as EPEAT that can be used by customers to inform their purchasing decisions. In working to ensure EPEAT's continued success, HP supports the following goals:

- Multi-stakeholder collaboration to maintain a system for defining and identifying products with higher environmental performance in order to encourage product leadership.
- Mechanisms that allow leadership in developing sustainable products to be recognized and rewarded by purchasers, including public sector purchasing preferences for products that meet standards developed through multi-stakeholder engagement (such as US federal purchasing requirements that support purchasing EPEAT-registered products).
- Requirements harmonized or mutually recognized globally with other regulations or standards for environmental or supply chain responsibility leadership.
- Alignment with international agreements such as the Basel Convention.
- Use of relevant third party certifications such as eStewards and R2 to ensure specific aspects of environmentally sound performance.

Required Statements for Imaging Equipment

4.6.1.2 Optional – Provision of Take-Back service for broader scope of products

Volume Collected	2017	2018	2019	2020	2021	2022
Australia						
Voluntary	324,250 KGs	242,911 KGs	308,860KGs	192,359 KGs	247,588 KGs	156,451 KGs
Under mandated collection program	9,881,204 KGs	8,075,324 KGs	8,284,040 KGs	9,232,934 KGs	8,793,100 KGs	8,394,000 KGs
Total	10,205,454 KGs	8,318,235 KGs	8,592,900 KGs	9,425,292 KGs	9,040,688 KGs	8,550,451 KGs
INDIA						
Voluntary			64,020 KGs	67,350 KGs	84,057 KGs	91,128 KGs
Under mandated collection program			4,392,010 KGs	6,542,933 KGs	8,150,846 KGs	11,921,000 KGs
TOTAL			4,456,030 KGs	6,610,283 KGs	8,234,903 KGs	12,012,128 KGs



Volume Collected	2017	2018	2019	2020	2021	2022
Canada						
Voluntary	32,800 KGs	45,910 KGs	123,500 KGs	105,540 KGs	132,080 KGs	51,000 KGs
Under mandated collection program	9,625,013 KGs	7,898,000 KGs	6,435,000 KGs	4,773,000 KGs	3,537,596 KGs	3,456,391 KGs
Total	9,657,813 KGs	7,843,910 KGs	6,558,500 KGs	4,904,863 KGs	3,669,676 KGs	3,507,391 KGs
United States						
Voluntary	21,476,079 LBs	16,956,100 LBs	12,825,442 LBs	9,351,404 LBs	10,987,225 LBs	8,559,447 LBs
Under mandated collection program	51,179,129 LBs	48,850,981 LBs	56,520,306 LBs	40,144,077 LBs	42,976,913 LBs	46,706,890 LBs
TOTAL	72,655,208 LBs	65,807,081 LBs	69,345,748 LBs	58,795,597 LBs	53,958,139 LBs	55,266,337 LBs
Germany						
Voluntary					324,715 KGs	217,069 KGs
Under mandated collection program					3,034,051 KGs	2,605,289 KGs
TOTAL					3,358,766 KGs	2,822,358 KGs

4.7.2.1 Required – Public disclosure of key environmental aspects

View [Chemical Management and releases](#) (PDF 112 KB) and [water discharge by quality and destination](#) (PDF 133 KB) collected from HP Operations worldwide. View [HP's waste management data and goals](#) (PDF 137 KB).

Based on the data available in our [HP Sustainable Impact Report](#) the following is calculated:~

Total Volume of Reused and Recycled Water	2018	2019	2020	2021	2022
Percentage	12.2	10.2	10.4	12.1%	12.5%

4.7.2.2 Optional – Public disclosure of supply chain toxics

[View supply chain toxic release data](#) (PDF 23.69 KB) collected from suppliers for one HP EPEAT registered product.

4.7.3.1 Optional – Product life-cycle assessment and public disclosure of analyses

View [HP Environmental Product Declaration](#) (PDF 300 KB).

4.9.1.1 Required – Allow use of general office paper with renewable content, recycled content and content that is chlorine free

HP printers are designed to work with paper made with renewable, recycled and chlorine-free content qualified according to EN 1281:2002. Using these types of media will not void the HP warranty or service contract. However, while HP printers are designed to be flexible in the types of media they can accept, HP recommends using good-quality media. HP papers are designed to work with HP printers for optimal print quality. HP offers papers with recycled content, and these papers are manufactured using ECF (elemental chlorine-free) processes. HP is a member of Global Forest Trade Network, working with partners including the World Wildlife Fund, to address forest issues, support, and promote sustainable forest management. HP offers a selection of office paper, photo paper and specialty papers derived from certified and responsibly managed forests.

**4.9.2.1 Required – Product does not prevent the use of non-OEM cartridges and non-OEM containers**

HP printers are not designed to prevent the use of non-manufacturer cartridges and non-manufacturer containers.

4.9.3.2 Optional – Manufacturer recycles or reuses toner material collected through its cartridge and container take-back program

HP recycles collected toner materials except for which is disposed through waste-to-energy. In 2016, HP started the recycling of toner material collected via our recycling programs in North America and Australia. The recycled toner will be used as colorant in the manufacture of consumer products and other uses. HP ensures that at least 75% of the toner material will be recycled.

Specific details regarding the quantity of materials collected and corresponding end-of-life management method used are demonstrated below.

Toner Material Recycled (2022)	(Tonnes)	(%)
Toner Material Recycled	446.65	96.47%
Waste to Energy (WTE)	16.35	3.53%
Material in storage (pending processing)	0	0.00%
Incineration	0	0.00%
Landfill	0	0.00%

4.9.3.3 Optional – Manufacturer recycles or reuses plastics collected through its cartridge and container take-back program

In 2022, 10,901 tonnes of HP toner cartridges and 1,343 tonnes of HP ink cartridges were collected. Below is the data showing the breakdown of the materials usage.

2022 HP Supplies Take-Back Program	HP Toner Cartridge (Tonnes)	HP Ink Cartridge (Tonnes)
Volume recycled	10,901	1,343
HP market covered by program	89%	91%

Composition	Total	%	Total	%
Materials recycled into new products	9,192	82.48	1,080	79.85
Materials use for energy recovery	1,521	13.65	263	19.41
Reuse of components	189	1.70	0	0
Material in storage (pending processing)	242	2.17	10	0.74
Incineration	0	0	0	0
Landfill	0	0	0	0



4.9.4.1 Required – Cartridge or container not designed to prevent its reuse and recycling

HP does not prevent refilling or remanufacturing of its print cartridges. However, HP cartridges are designed to operate with HP inkjet and LaserJet printers as an integrated system to meet customers' needs for performance, quality and reliability. During third-party testing, Original HP cartridges performed more consistently than the aftermarket non-HP cartridges that were tested.⁶ HP cartridges are designed to use fewer plastics and fewer components, making them easier to recycle. For example, HP has cut the average number of component parts used in monochrome HP LaserJet print cartridges by a third and the types of plastic used by more than half, which makes them easier to recycle.⁷ When HP cartridges reach their end of life, customers can recycle them for free with HP Planet Partners—an industry-leading recycling program—available in more than 50 countries and territories around the world.⁸ The HP Planet Partners program converts recyclable material recovered from Original HP print cartridges into new products, including new HP cartridges. HP never refills, resells or sends print cartridges to a landfill.

Required Statements for Computers and Displays

4.8.1.1 Optional – Product Life Cycle Analysis

View the [Summary Report](#) of the Life Cycle Assessment of an HP product.

4.8.2.2 Optional – Greenhouse Gas Emissions from Product Transport

View a [summary](#) of HP annual product transport emission intensity report meeting the public disclosure requirement of this criterion.

4.10.1.1 Optional – Socially Responsible supplier manufacturing: Labor

View a [summary](#) of factory audit findings that meets the public disclosure requirements of this criterion.

4.10.1.2 Optional – Socially Responsible supplier manufacturing: OHS

View a [summary](#) of factory audit findings that meets the public disclosure requirements of this criterion.

[EPEAT registered personal computers and displays](#) (PDF 69.51 KB)

[EPEAT registered printers](#) (PDF 41.33 KB)



EPEAT 3

The Global Electronics Council® (GEC) is undertaking a multi-year initiative to update its EPEAT® criteria for its Type 1 ecolabel to align with priority sustainability impacts of electronic products and their supply chains, including Climate Change Mitigation, Sustainable Use of Resources (or Circularity), Reduction of Chemicals of Concern, and Corporate ESG Performance.

In May 2023, Climate Change Mitigation Criteria is officially published, and GEC launches EPEAT Climate+ program. EPEAT Climate+ designated products are qualified against a unique set of climate criteria by companies with progressive corporate practices in this area. HP participates in EPEAT Climate+ program and is recognized as EPEAT Climate+ Champion Company.

4.1.3 Optional – Product Transport carbon footprint

View a [summary](#) of HP annual product transport emission intensity report meeting the public disclosure requirement of this criterion.

4.1.4 Optional – Product LCA and third-party review

View the [Summary Report](#) of the Life Cycle Assessment of an HP notebook.