

Haiti case study

HP ECO-CARTON INK CARTRIDGE

As part of our continuing shift from plastic to alternative materials, our new HP Eco-Carton Ink Cartridge for use with HP large format printers, such as the HP Latex 700/800 printer series, contains recycled and certified fiber, as well as 45% postconsumer recycled content plastic from our closed-loop recycling process, beverage bottles, and UL-validated OBP resins. With an additional 500ml carton to complement the existing 1 liter cartridge, use of the Eco-Carton expanded in 2021 to new Latex 700/800 printers, PageWide XL printers, and Z-series Pro printers.

Customers can recycle the outer carton locally and return the inner bag for free via HP Planet Partners, where available for these products, which will avoid any materials going to landfill.⁴¹ The HP Eco-Carton Ink Cartridge reduces plastic use per liter of ink by 80% and decreases life cycle GHG emissions by 66% compared to a plastic ink cartridge, due to savings associated with manufacturing and transport.⁴²

Tackling ocean plastics

Since 2016, our ambitious program in Haiti has helped to tackle the growing challenge of ocean-bound plastics (OBP). In partnership with the First Mile Coalition and our supplier partners, we have built a self-reliant OBP supply chain that contributes to the circular economy and provides income and education opportunities locally.

Our plastic washing line produces clean, high-quality recycled plastic for use in HP products, and has simplified our OBP supply chain in Haiti by eliminating a washing step off the island. This has increased the value of plastic collected and the prices that collectors receive. In 2021, in

collaboration with Lavergne Haiti, we committed additional funding to support a productivity pilot designed to improve efficiency in collection, logistics, and processing while increasing material quality and average collector income.

During the year, we supported collectors through the political unrest caused by the assassination of Haiti's president in July and the devastating impact of the earthquake in August, and the HP Foundation donated over US\$300,000 to WORK, UNICEF, and Direct Relief.

By using OBP in our products, we create consistent demand for plastic collectors. Since 2016, we have used 1,298 tonnes of OBP in our

products—equivalent to more than 102 million 16.9 ounce (500ml) bottles—preventing this material from reaching waterways and oceans.

To drive change across and beyond our industry, we collaborate with a range of initiatives and organizations:

- NextWave Plastics convenes leading technology and consumer-focused companies to develop the first global network of OBP supply chains. In 2021, we collaborated on development of the Plastics Framework for Socially Responsible Ocean-Bound Plastic Supply Chains. This reflects our commitment to collector-centered OBP initiatives, codified in our UL OBP certification, which requires us to document and describe how we work to mitigate risks present in informal OBP collection infrastructure.
- Ocean Heroes Network, co-founded by Captain Planet Foundation and Lonely Whale, with support from HP, produces OH-WAKE, a new quarterly online magazine with information to help readers build community, become inspired, and learn how to apply their skills to a future with clean seas.
- The NGO WORK in Haiti provides on-site learning centers for the children of parents who work on recycling efforts. These centers are equipped with the latest technology, including HP laptops and printers using cartridges that include some content from waste plastic collected locally.
- Ocean Plastics Leadership Network is a membership community dedicated to addressing ocean plastic pollution. We joined as founding members in 2020.

We use OBP in an increasing number of HP products across our portfolio, and have launched more than 300 new products around the world that contain small quantities of OBP since 2017.⁴³ Examples include:

- Personal systems products such as the HP Pavilion x360 15 Convertible PC (5% OBP in the speaker enclosure) and the HP Z1 Entry Tower G8 (5% OBP in the speaker enclosure and bezel).
- The new Z series, launched in 2021, is the first full series of HP displays to contain OBP, including in large parts such as the stand (5%) and rear cover (5%).
- HP Presence is the world's first conferencing solution made with OBP. HP Presence meeting room solutions contain 5% OBP in the speaker enclosure.
- Exclusively from HP, many Original HP integrated printhead ink cartridges contain OBP (minimum of 5%), validated by UL.⁴⁴
- Project STOP collaborates with governments and communities in Southeast Asia to create effective waste management systems that eliminate plastics leakage into the ocean, and provides replicable solutions. As a technical partner, we support the organization's work to create a circular waste management system in East Java, Indonesia.