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### Infographic References (page 22)

"4 Best Green Solutions for Sustainability in the Printing Industry." Joseph Merritt & Company, [www.josephmerritt.com/marketing-media/articles/4-best-green-solutions-for-sustainability-in-the-printing-industry](http://www.josephmerritt.com/marketing-media/articles/4-best-green-solutions-for-sustainability-in-the-printing-industry).

Corporate Vision - How Can the Print Industry Remain Sustainable in the Future?, [www.cv-magazine.com/2019-how-can-the-print-industry-remain-sustainable-in-the-future](http://www.cv-magazine.com/2019-how-can-the-print-industry-remain-sustainable-in-the-future).

Council, Young Entrepreneur. "Why Sustainable Branding Matters." Forbes, Forbes Magazine, 20 Aug. 2018, [www.forbes.com/sites/theyec/2018/08/20/why-sustainable-branding-matters/#179057735b6e](http://www.forbes.com/sites/theyec/2018/08/20/why-sustainable-branding-matters/#179057735b6e).

"Environment." Printing Industries of America, 6 Aug. 2019, [www.printing.org/printpowers/prints-impact/environment](http://www.printing.org/printpowers/prints-impact/environment).

"PepsiCo Launches 2025 Sustainability Agenda Designed to Meet Changing Consumer and Societal Needs." PepsiCo, Inc. Official Website, [www.pepsico.com/news/press-release/pepsico-launches-2025-sustainability-agenda-designed-to-meet-changing-consumer-a10172016](http://www.pepsico.com/news/press-release/pepsico-launches-2025-sustainability-agenda-designed-to-meet-changing-consumer-a10172016).

"PRINTING & PAPER FACTS." Print Grows Trees | Printing & Paper Facts, [www.printgrowstrees.org/paper-facts.html](http://www.printgrowstrees.org/paper-facts.html).

Sustainability and Paper Recycling, [www.paperrecycles.org/sustainability/sustainability-and-paper-recycling](http://www.paperrecycles.org/sustainability/sustainability-and-paper-recycling).

"Sustainable Packaging: The Coca-Cola Company." Sustainable Packaging | The Coca-Cola Company, [www.coca-colacompany.com/sustainable-business/packaging-sustainability](http://www.coca-colacompany.com/sustainable-business/packaging-sustainability).