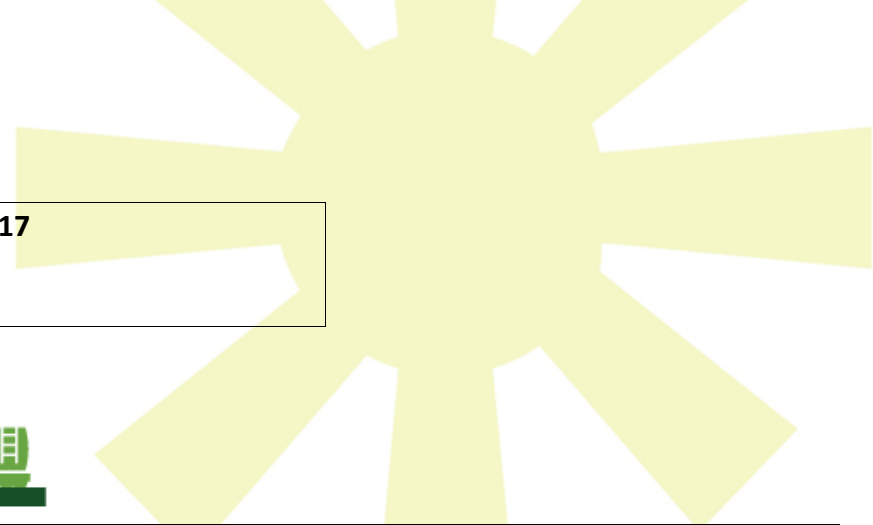




ENVIRONMENTAL SUSTAINABILITY REPORT CY 2017
 Partner: Maryland Department of Transportation
 Date: February 23, 2018



ENVIRONMENTAL BENEFITS						
		PURCHASING	USE	REUSE & RECYCLING	TOTAL BENEFITS	
	Reduction in:	HOW MUCH			HOW MUCH	EQUIVALENT TO
	Energy use	1,074,600 kWh	1,060,000 kWh	5,162,000 kWh	7,296,600 kWh	Electricity to power 599 homes/year
	Greenhouse gas emissions	193,210 metric tons of carbon equivalents	191,100 metric tons of carbon equivalents	315,300 metric tons of carbon equivalents	699,510 metric tons of carbon equivalents	Removing 147,888 cars from the road/year
	Toxic materials, including lead & mercury	1 lb.	0 lbs.	5 lbs.	6 lbs.	Weight of 1 brick
	Municipal solid waste	788 lbs.	0 lbs.	94,160 lbs.	94,948 lbs.	Waste generated by 23 households/year
	Hazardous waste	0 lbs.	0 lbs.	7,135 lbs.	7,135 lb.	Weight of 27 refrigerators

¹Calculations made using the Electronic Environmental Benefits Calculator (EEBC), Computer Version 4.0 and Imaging Equipment Version 1.0 (updated Nov. 2016), <https://www.epa.gov/fec/publications-and-resources#calculator>. ²Paper reduction calculations were made using the EPA WARM model, v. 14 April 2016, https://www.epa.gov/sites/production/files/2016-04/warm_v14.xls. ³The EEBC calculator for Imaging Equipment does not include copiers and draws a distinction between color and black & white multifunction devices (MFDs). All copiers and MFDs were considered as colored, and printers as black & white for calculating environmental benefits. It also does not include calculations for power management of imaging equipment.

Partner Commitments to Green Electronics

	EPEAT® Purchasing: The Maryland Department of Transportation included Electronic Product Environmental Assessment Tool (EPEAT®) registered products as a required or preferred standard in bids, contracts, and/or leases for IT equipment in calendar year 2017.	Certified Recyclers: The Maryland Department of Transportation used a recycler that was certified to the R2 Standard in calendar year 2017.
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