EPEAT Factsheet

How do I use this methodology? Ask for support!

	EPEAT	
Name of Initiative/Methodology	Electronic Product Environmental Assessment Tool (EPEAT)	
Link to the latest published version	EPEAT® Registry Search http://ww2.epeat.net/searchoptions.aspx	
Developed by	• US EPA	
History and Status	• Project started in 2003 • EPEAT registry went live on EPEAT.net in 2006, with around 60 products from three manufacturers • EPEAT Purchaser Awards started in 2015 • 68 EPEAT participating manufacturers worldwide in 08/2016 • (Computers and Displays)	
Involved companies / parties	• Zero Waste Alliance (ZWA), the Green Electronics Council (GEC) and stakeholders, such as manufacturers, environmental advocacy institutes, academia, trade associations, government and recycling entities	
The Burton Group Scope	✖ **Organisation env. accounting** ✖ Scope 1 ✖ Scope 2 ✖ Scope 3	✔ **Product env. assessment** ✔ Life cycle approach ✖ Use phase only
	✖ GWP ✔ Energy (according to Energy Star)	✔ Other environmental impacts ✖ KPIs (0-5 levels of Data Centre Maturity)
System(s) covered by the methodology	• Computers and Displays, including desktops, laptops/notebooks, workstations, thin clients, displays (computer monitors), televisions, printers, copiers, scanners, multifunction devices, fax machines, digital duplicators and mailing machines	
Goals	• Evaluating the environmental performance of electronic products during their life cycle and rating their performance based on three tiers – Bronze, Silver and Gold • Providing an environmental assessment tool for purchasers • Providing marketplace rewards for innovation by recognizing products that reduce environmental and health impacts	
Generic features	• Two kinds of criteria are included: ◦ Product criteria (declared uniquely for each product) ◦ Corporate criteria (declared annually and end-of-life management and corporate performance)	
ICT-specific features	• EPEAT computer/display criteria currently address eight categories of environmental attributes covering the full product life cycle incl. design, energy use and recycling): ◦ Reduction/elimination of environmentally sensitive materials (3 required criteria; 8 optional): criteria on RoHS & beyond ◦ Materials selection (3 required; 3 optional): criteria on recycled content ◦ Design for end of life (6 required; 5 optional): criteria on ease of recycling ◦ Product longevity/life cycle extension (2 required; 2 optional): criteria on warranties and spare parts. ◦ Energy conservation (1 required; 3 optional): Energy Star & beyond ◦ End of life management (2 required; 1 optional): criteria on take-back and recycling ◦ Corporate performance (3 required; 2 optional): EMS, environmental policy and report ◦ Packaging (3 required; 4 optional): recyclable and recycled content	
Examples of implementation / experience feedback	• At 12/08/2016: • 1 773 Desktops with Gold rating • 2 027 Notebooks with Gold rating • And Monitors, Tablets/slates, Integrated desktop computers, Workstations, Thin clients, Signage displays	
Interaction with other methodologies	• [IEEE 1680] Standard for the Environmental Assessment of Electronics • [IEEE 1680.1] Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays • [ISO 14001] Environmental management • [US EPA] Performance Track • [US EPA] Global Reporting Initiative (GRI) Sustainability Reporting Guidelines • [Energy Star]	

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