

Green Electronics Council Overview

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October 30, 2019

Green Electronics Council (GEC) collaborates to achieve a world in which only sustainable IT products and services are designed, manufactured, and purchased. We advocate for sustainable electronics by helping both manufacturers and large-scale purchasers to:



UNDERSTAND
the challenges facing
sustainable IT



COMMIT
to address those
challenges



ACT
to change internal
operational, manufacturing
and procurement behaviors

GEC SUPPORTS INSTITUTIONAL PURCHASERS



GEC Freely Available Tools and Resources

- ✓ Sustainable Procurement Policy examples
- ✓ IT products contract language examples
- ✓ Purchaser Guides
 - Cloud Services Procurements (launched March 2019)
 - Labor and Human Rights (2017 version being updated this year)
 - Procurement for Circular Economy (December 2019)
- ✓ Case studies
- ✓ Sustainable Procurement Training (personalized to receiving organization(s))
- ✓ Webinars (2019)
 - ✓ Smart Cities Series
 - ✓ Public-Private Purchaser Series
- ✓ **EPEAT, leading global “Type 1” ecolabel**
- ✓ EPEAT Benefits Calculations
- ✓ EPEAT Purchaser Recognition and Awards

BRANDS PARTICIPATING IN EPEAT (AS OF SEPTEMBER 2019)

Ace Computers

Acer Inc

Action SA

Algoritmos Procesos y Disenos, S.A.

Alplast

AOC International (Europe) B.V.

Apple Inc

Arquimedes Automacao e Informatica Ltda

ASUSTek Computer Inc

Atrust Computer Corp

BenQ

Brother International Corporation

Canon

CEZAR Cezary Machnio I Piotr

Gebka Sp Zoo

Cisco Systems

Corporativo Lanix S.A. de C.V.

CTL Corporation

Daten Tecnologia Ltda

Digital Computer

Dell Inc

Durabook Americas Inc.

EIZO Corporation

Epson

Fujitsu Limited

GETAC

Google

Howard Technology Solutions

HP Inc.

Hewlett-Packard Enterprise

Hyundai IT America Corp

IBM

IGEL Technology GmbH

Iiyama Corporation

Inforlandia S.A.

Kodak Alaris

Konica Minolta

Kyocera

Lenovo

Lexmark International, Inc

LG Electronics Inc.

Login Informatica

Microsoft Corporation

MMD Monitors and Displays

Nederland B.V.

Northern Micro Inc

Panasonic

Positivo Tecnologia S.A.

Ricoh

Riso Kagaku Corporation

Samsung

Sharp

Teknoservice S.L.

Ticnova Quality Team SL

Toshiba

TPV Technology Limited

Transource

ViewSonic Corporation

Visioneer

Xerox

Zebra Technologies

WHAT PRODUCTS DOES EPEAT COVER?

Current Categories



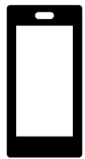
PC/Display



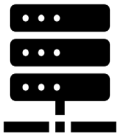
Imaging Equipment



Televisions



Mobile Phones



Servers

Upcoming Categories



PV Modules & Inverters

March 2020



Network Infrastructure

November 2020

Access EPEAT product categories via
www.greenelectronicscouncil.org/epeat/registry

HOW ARE EPEAT CRITERIA DEVELOPED?



Balanced Voluntary Consensus Process

EPEAT Covers Lifecycle Impacts of Product

EPEAT CRITERIA BY SUSTAINABILITY IMPACT AREAS

Climate Change

- Energy efficiency in manufacturing
- Reduction of F-GHG emissions in manufacturing

Chemicals

- Substance disclosure & inventory
- Safer chemical assessment and use
- Bromine and chlorine restrictions
- Reduce EU REACH substances

Resource Consumption

- Recycled content
- Water inventory & efficiency in manufacturing
- Recyclable and recycled content in packaging

End-of-Life

- Design for recycling
- Product take back
- Responsible recycling
- Reporting & achieving recycling targets

Social Responsibility

- Worker health and safety
- Social performance audits or certification
- Conflict minerals

Required + Optional

HOW ARE PRODUCTS REFLECTED IN EPEAT?

- Products must meet all required criteria to be covered by EPEAT
 - Just by being “EPEAT” the product is credibly sustainable
- Products are bronze, silver or gold tier based on the number of optional criteria they meet

Meets less than 50%
Optional Criteria



Meets 50 to 75%
Optional Criteria



Meets more than 75%
Optional Criteria



WHY CHOOSE EPEAT?

- **US Federal Purchasers: FAR Requirement – Part 23.704**
“...agencies, when acquiring an electronic product to meet their requirements, shall meet at least 95 percent of those requirements with EPEAT®-registered electronic products.”
- Leading “type-1” ecolabel, used by private and public sector purchasers in over 40 countries
- Allows an organization to credibly quantify the environmental and cost savings benefits of their procurement choices

EPEAT BENEFITS CALCULATOR

EPEAT provides cost savings, environmental benefits, and protection of human health. The 89,747 IT products purchased by the Department of Homeland Security in 2018 yielded the following benefits:



16,682 MT

Greenhouse Gas Emissions
Reduction



Removing
3,572 Passenger Cars
from the road per year



26.9 million kWh

Energy Savings



Electricity to power
2,212 U.S. Households
for a year



70 MT

Hazardous Waste
Reduction



\$2,782,370

Estimated Lifetime Cost Savings

*Over their lifetime, compared to products that do not meet EPEAT criteria.

EPEAT PURCHASER AWARDS

The EPEAT Purchaser Awards recognizes excellence in sustainable procurement of IT products.

To qualify, organizations annually submit to GEC a report by purchase volume of EPEAT-registered products.



2019 Award Winners

59 Winners representing more than \$90M in cost savings in 2018.

2020 Purchaser Awards – Atlanta, GA on May 20th

Application period open now! The submission deadline is **April 1st**

<https://greenelectronicscouncil.org/awards-events/epeat-purchaser/>



Thank you!

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