GREEN ELECTRONICS COUNCIL

Procurement Tools Driving Sustainable Technology and Circularity

Ms. Nancy Gillis, CEO, GEC

Green Standards Week, Valencia, Spain

Green Electronics Council (GEC) collaborates to achieve a world in which only sustainable IT products 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

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GEC SUPPORTS INSTITUTIONAL PURCHASERS

GEC seeks to fulfill our mission by ***supporting large-scale purchasers to buy*** sustainable electronic products and services ***as a way to incentivize producers to make*** sustainable electronic products

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)
- ✓ Sustainable Procurement Training (personalized to receiving organization)
- ✓ Case studies
- ✓ Webinars (2019)
  - ✓ Smart Cities Series
  - ✓ Public-Private Purchaser Series
- ✓ **EPEAT, leading global "Type 1" ecolabel**
- ✓ EPEAT Benefits Calculations
- ✓ EPEAT Purchaser Recognition and Awards

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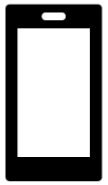
WHAT PRODUCTS DOES EPEAT COVER?

Current

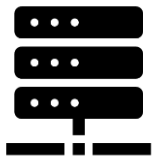
PC/Display

Imaging Equipment

Televisions



Mobile Phones



Servers

Potential New

PV Modules & Inverters
April 2020

Network Infrastructure
November 2020

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

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PRIORITY IMPACT AREAS ADDRESS PRODUCT LIFE CYCLE

Climate Change

- Energy efficiency during product use
- Energy efficient manufacturing
- Reductions of F-GHG emissions in semiconductor and display manufacturing
- Annual assessment of GHG emissions resulting from product transport

Chemicals

- ROHS & REACH
- Full product substance inventory
- Safer chemical assessment and use
- Bromine, chlorine, and beryllium restrictions

Resource Consumption

- Recycled content in product, incl rare earths
- Recycled and sustainably forested materials in packaging
- Bulk packaging
- Increased product life & spare parts availability

End-of-Life

- Design to facilitate recycling, repair, and reuse
- Easy removal of lithium-ion batteries
- Responsible recycling

Social Impacts in Supply Chain

- Worker health & safety