RIN 9000-AN94 SUGGESTIONS
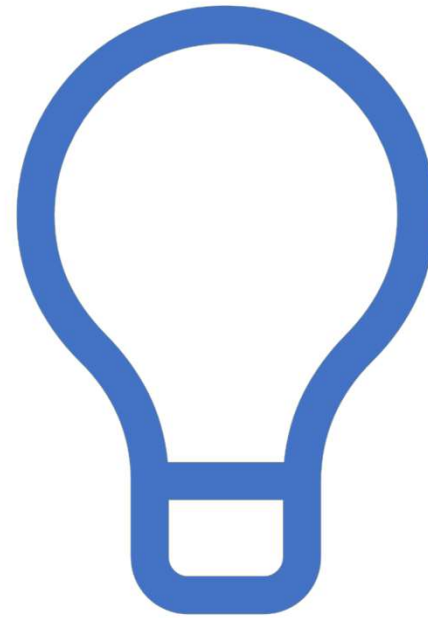
WILLIE CADE, CITIZEN

WILLIECADE@GMAIL.COM

773-562-3377 (M)

CONTENTS

- Willie Cade's CV highlights

- Standards vs Ecolabels

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WILLIE CADE
CV HIGHLIGHTS

- Voting member of several sustainability standards used by EPEAT; ULE 110*, NSF 487, IEEE 1601.1 and R2

- P.A.C.E. Stakeholder and Co-Chair of Environmentally Sound Testing, Refurbishment and Repair of Used Computing Equipment Project Group for the UN-EP (Basel)

- Adjunct Faculty, University of Illinois Urbana/Champaign

- Appointee to Caterpillar's external sustainability advisory board, retired

- Co-author of 7 academic papers on Sustainability of Used Electronics.

- More details on last slide

- * Electronic sustainability standard not referenced in the FAR

STANDARD VS ECOLABEL

Standard (concepts)

- Establishes sets of criteria

Ecolabel* (implementation)

- Utilizes standard(s) for conformity (note: NSF 487 issue)
- Registers products
- Validates manufactures claims
- Makes publicly available
- Assesses effectiveness

*Short Summary of EPA's Guidelines on ecolabels

RECOMMENDATION

REPLACE "EPEAT®" IN THE FAR

WITH

"EPA RECOMMENDED ELECTRONIC ECOLABEL"

These changes will . . .

- Promote alternative tactics to a complex set of issues

- Encourage faster criteria revisions

- Disperse opportunities to a larger set of participants

- Diminish stakeholder sector dominance

- Motivate more quantitative approaches

- Increase efficiencies of implementations

- Reduce costs of OEM implementation and registration

- Generate more comprehensive solutions

- Engender greater transparency and buy-in

- Offer greater equity for "outside" views

- Faster adoption of additional standards (e.g. ULE 110)

- Moderate single source control and abuse

- Inspire more academic research
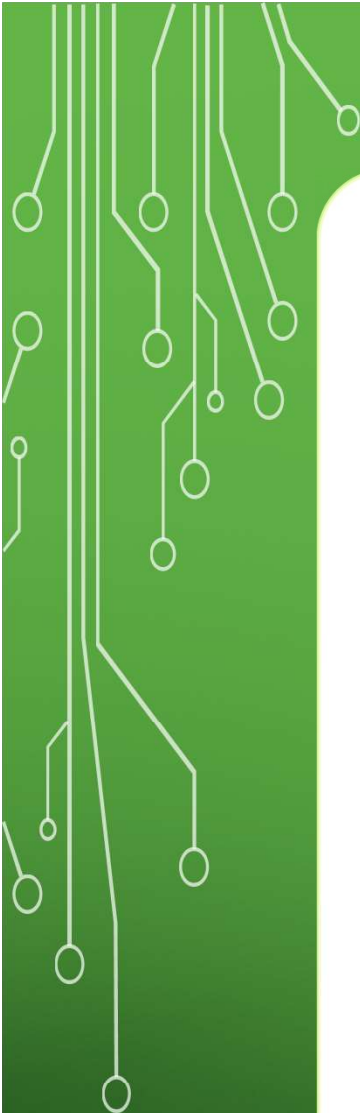
RATIONAL:

COMPETITION

POSSIBLE COMPLICATIONS

- Green washing
  (FTC Green Guides)

- Market confusion   (other sectors have multiple labels – less blind allegiance)

- Definition of acceptable ecolabel (EPA recommendation)

- Bronze, Silver and Gold categories are unsuccessful.
  - Small differences
  - Uneven distribution, bias towards Gold

REFERENCES USED IN THIS APPEAL

- Willie Cade's full CV (see next slide)

- [Standards and Ecolabels](#) (Nov. 2020)

- [FTC Green Guides](#) (Nov. 2020)

- [EO 12866](#) (Nov. 2020)

- [Circular A119](#) (Nov. 2020)

- [FAR](#) (Nov. 2020)

CEO Graceful Solutions A Chicago based real estate development firm specializing in twenty first century data centers that are more verdant and serve the community

Founder and Chief Executive Officer PC Rebuilders & Recyclers (Founded in 2000) home of the Computers for Schools Program Mission: To contribute to sustainability and to bridge the digital divide by reusing or recycling used computing equipment. Business closed June 2017

Microsoft Authorized Refurbisher (MAR): Chosen by Microsoft as one of the first Community Microsoft Authorized Refurbisher in the United States. Since then we have delivered over 100,000 refurbished PCs to Schools, not-for-profit organizations, into homes of at-risk children and businesses. Elevated to MAR in 2012

Conference founder Electronics Reuse Conference: ERC (formerly: International Computer Refurbisher Summit) since 2004. In 2012 ERC expanded internationally.

Voting member of several EPEAT standards focusing on sustainability. Actively participating in the creation of ULE 110 3.0. Have participated in 3 other sustainability focus consensus standards, R2, NSF 487 and IEEE 1601.1.

Regional Director and Board Member of Repair.org Advocating for Right to Repair legislation focusing on agriculture. Member of the Nebraska Farm Bureau.

P.A.C.E. Stakeholder and Co-Chair of Environmentally Sound Testing, Refurbishment and Repair of Used Computing Equipment Project Group The Partnership for Action on Computing Equipment of the Secretariat of the Basel Convention of the United Nations Environmental Program.

Illinois SB 2313 Stakeholder Stakeholder promoting the first state legislation to recognize and reward reuse in extended producer responsibility legislation for used electronic products.

Adjunct Faculty, University of Illinois Urbana/Champaign Designed and taught "Sustainable Life Cycle Design" in the Department of Art and Design. Co-Principal investigator on several National Science Foundation grants.

Provided testimony before the House Committee on Science and Technology for the 111th Congress on electronic reuse

Winner of the Jim Lynch award The computer refurbishment industry's highest honor.

Appointee to Caterpillar's external sustainability advisory board, retired Advisor to promote their mission of enabling economic growth through infrastructure and energy development, and to provide solutions that support communities and protect the planet. Participated in the creation of Caterpillar's 5th value; sustainability.

Co-author of 7 academic papers on Sustainability of Used Electronics. Our first publication was in 2015. We have also submitted 2 additional full conference papers.

Chair of the Board of Montgomery Place, retired. A retirement facility owned by the Episcopal Diocese of Chicago. After first year of membership I was name treasure and then became Chairman. (I forgot not to ask questions)

Personal Education: BS Chemistry with honors, University of Hawaii—Manoa, Language studies at La Sorbonne Université—Paris, Amateur standup comedian, inventor of the Maximizing Data Storage Utilization and Security Software and avid Airbnb host of a 1905 Pullman Palace car. Parent to four grown children, and very proud grandfather to two. A granddaughter, one grandson. Married to Carol Cade for 43+ years.