



International E-Waste Design Competition

Important Dates

Sept. 1, 2012 - Registration Opens

Nov. 1, 2012 - Registration Closed, 4:59 PM Central time

Dec. 4, 2012 - [Online Awards Ceremony](#), 12:00 PM Central



ILLINOIS

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Rules

Eligibility

The competition is open to anyone 18 years or older who is currently attending college, or who graduated from college since May 2010. Teamwork across disciplines, backgrounds and ages is encouraged. One entry per person or team is allowed. Students are not allowed to be on more than one team, but students are allowed to submit a project with one team and additionally submit one individual project.

As part of the [online submission form](#), each participant or team member will be required to provide proof of eligibility. Any one of the following is acceptable as proof of eligibility:

- Copy of an official transcript from the college or university currently being attended or from which the participant has recently graduated. This should be in PDF format.
- A letter of enrollment at an educational institution, in PDF format.
- A letter from the entrant's departmental advisor, in PDF format.

Note: Please be advised that participants from outside the United States of America or foreign national students currently studying within the United States may be asked to submit further paperwork for tax purposes if they or their team wins one of the cash awards in this competition. In such a situation, you MUST complete and submit the additional tax forms in order to receive your prize.

DEFINITION OF "ELECTRONIC WASTE": For the purposes of this contest, electronic waste (e-waste) includes the following items: computers (desktops and laptops), scanners, printers, cell phones, PDAs, optical drives, televisions, DVD/VCR players, MP3 players, computer monitors, video game consoles, computer peripherals (keyboards, mice, cables), zip drives, and fax machines.

E-waste excludes: refrigerators, toasters, radios, alarm clocks, electronic devices that are a part of a motor vehicle, and display devices contained within appliances, such as a clothes washer or dryer, oven range, etc.

Categories

E-Waste Prevention Category

Electronic components focusing on the elimination or reduction of e-waste through life-cycle considerations. An entry in the E-waste Prevention category must focus on decreasing the amount of e-waste generation. The entries in this category should focus on new products or services.

See "Judging Criteria, E-Waste Prevention Category" for more details.

E-Waste Reuse Category

Focuses on the aesthetic and technical reuse of e-waste into useful electronic and non-electronic products. An entry in the E-waste Reuse category must reuse old e-waste components in order to create a new product.

See "Judging Criteria, E-Waste Reuse Category" for more details.

Judging Criteria

E-Waste Prevention Category

- **Design Solution**
The design must not only be visually appealing but be purposeful in its form factor and highly usable by the intended users.
- **Innovation**
What is the big idea relating to green computing technology? How profound is the idea and how innovative is the solution from a green computing technology product design perspective? The entries in this category should focus on new products or services.
- **Green Computing Technology Considerations**
How well did the design solution address various green computing technology considerations?
- **Feasibility and Concept Validation**
How realistic is it? Can it be manufactured in the near term or long term under green manufacturing constraints? Did the entrant do a sufficient amount of investigation regarding what is possible from a functional and manufacturing perspective? Are the research sources cited, varied, and valid? Did the entrant provide proper citations and credit for research and intellectual property referenced?
- **Prevention**
How effective is the design solution at preventing the generation of e-waste? An entry in the e-waste prevention category must focus on decreasing the

E-Waste Reuse Category

- **Design Solution**
The design must not only be visually appealing but be purposeful in its form factor and highly usable by the intended users.
- **Innovation**
What is the big idea relating to reuse of electronic waste materials? How profound is the idea and how innovative is the solution from a green design perspective?
- **Feasibility and Concept Validation**
How realistic is it? Can it be marketed in the near term or long term under green manufacturing constraints? Did the entrant do a sufficient amount of investigation regarding what is possible from a collection and fabrication perspective? Are the research sources cited, varied and valid? Did the entrant provide proper citations and credit for research and intellectual property referenced?
- **Innovative Use of Components**
How innovative is the use and implementation of the e-waste components? Is there a demonstrated reuse of existing components and parts? An entry in the e-waste prevention category must reuse old e-waste components in order to create a new product.
- **Documentation of Process and Methodology**
How well has the entrant captured the process of

amount of e-waste generation.

- **Utilization of Green Assessment Tools**
Did the entrant make good use of assessment tools such as Life Cycle Assessment (LCA) and other green validation and product development process tools that provide guidelines and standards for current thinking and current regulation for environmental product designs and manufacturing?
- **Documentation of Process and Methodology**
How well has the entrant captured the process of creating the final design solution?
- **Presentation**
Has the entrant effectively presented the concept? Has the entrant made effective use of visualization tools? How well did the entrant communicate the ideas and solution using text, animation and imagery? How well did the entrant make use of media to express ideas?

creating the final design solution?

- **Presentation**
Has the entrant effectively presented the concept? Has the entrant made effective use of visualization tools? How well did the entrant communicate the ideas and solution using text, animation and imagery? How well did the entrant make use of media to express ideas?

Registration

Registration is free. Participants can register as individuals or as teams as long as the team has no more than 5 members. **Entrants need to register for the competition between September 1 and November 1, 2012. Competition registration closes at 4:59pm Central Time on November 1, 2012.** There will be no opportunity for early or late registration.

Online Submission Form

Each team (or individual if a participant is not part of a team) **MUST** complete [the online submission form](#) that includes the following components:

- **Contact information for each team member**
- **A list of e-waste and new components used**
- **A project description (500 words minimum, 5 pages maximum, single spaced with 1 inch margins, no smaller than 11 point font in PDF format).**
- **Proof of eligibility for each team member (see below for further details)**
- **A bibliography of works consulted or cited in the project description (PDF format, with a minimum of 5 references; see below for further details)**

Project Description

A project description must be uploaded to the online submission form in **PDF format**. The project description should be a **minimum of 500 words, and a maximum of 5 pages long (where pages are single spaced, with 1 inch margins on all sides, and with a minimum of 11 point font used for the text)**. Note that if you choose to cite references within your project description, the 5 page maximum does not include a bibliography. Your bibliography will

be submitted as a separate document (see below).

Bibliography

A bibliography of references consulted in the preparation of the design project and/or cited in the project description must be uploaded in PDF format. **A minimum of 5 references is required.** There is no upper limit on the number of references that may be cited. In other words, you may include as many references as you wish, as long as you submit at least 5.

Proof of Eligibility

As part of the [online submission form](#), each participant or team member will be required to provide proof of eligibility. Any one of the following is acceptable as proof of eligibility:

- Copy of an official transcript from the college or university currently being attended or from which the participant has recently graduated. This should be in PDF format.
- A letter of enrollment at an educational institution, in PDF format.
- A letter from the entrant's departmental advisor, in PDF format.

"Video Commercial" Submission

Participants should create an original video composition that serves as a commercial for their product, highlighting its design, features, and special design concepts. The video should NOT be a plain description of the project or a narrative description of the project.

The video should be uploaded to YouTube (<http://www.youtube.com/>). ISTC, SEI, the University of Illinois, its affiliates and competition sponsors are not responsible for infringement upon your intellectual property due to the description of your ideas online. The link to your video will be entered on your online submission form.

The following actions are REQUIREMENTS for your video upload. Failure to comply with these requirements will result in disqualification from the competition.

- **Your video should be not less than one minute and not more than two minutes long.**
- **Your video must be made embeddable.** This will allow our jurors to view your video, together with other relevant project information, such as your project description, optional bibliography, etc. in a format that makes review and deliberation regarding entries simple, while ensuring that your identity is not associated with your video during the deliberation. See <http://www.google.com/support/youtube/bin/answer.py?hl=en&answer=171780>, **"Disable/enable the option to embed"** for guidance on how to make your video embeddable.
- **Turn the comments off for your video.** See <http://www.google.com/support/youtube/bin/answer.py?hl=en-uk&answer=58123> for guidelines on how to do this. This will prevent jurors from being influenced positively or negatively by comments left on your video.
- **Your video should include an intro screen that details the project name and name of this competition. Please do NOT include your names in the video**—your team and contact information should only be identified on the online submission form.

If you experience a technical difficulty with uploading the link to your YouTube video from the online submission form, please contact [Joy Scrogum](#) via e-mail immediately. Please be advised that competition organizers can not do anything to alter the rules of conduct as outlined on YouTube. For example, if your video is not able to be viewed in certain countries or unable to be uploaded to YouTube because it violates copyright laws, that is not something the competition organizers can help you with. You must adhere to the terms of service as stated on the YouTube web site, and upload your video to YouTube. If you use images or music in your video, please give credit to the creators within your video.

Note that the [online submission form](#) can be accessed and revised by entrants from the competition web site until the registration deadline; after the deadline passes, you will no longer be able to access or modify your submission.

Agreements

Participation in this competition constitutes your full and unconditional agreement to and acceptance of these official rules and the decisions of the event organizer, which are final and binding. Winning a prize is contingent upon fulfilling all requirements set forth herein. The event organizer reserves the right to disqualify any entry, at any time, for any violation of the official rules.

Content

By participating in the competition, entrants agree that their submissions, including but not limited to, any uploads, text, links, communications, software, images, sounds, data or other information, will not contain any content that is unlawful, harmful, threatening, abusive, harassing, defamatory, libelous, invasive of another's privacy, vulgar, profane, sexually explicit, obscene, racially or ethnically offensive or otherwise objectionable, including but not limited to entries that:

- Constitute advertising or promotion, or any other form of unauthorized solicitation;
- Contain viruses, Trojan horses, worms, time bombs, cancelbots or any other computer code or files that are designed to disrupt, damage, or limit the functioning of any software or hardware;
- Provide any nonpublic information about event organizers or any other company or person without the proper authorization to do so;
- Attack or insult another entry or contestant; or
- Suggest or encourage illegal activity.

Organizer Rights

Entrants will retain ownership of their entry, including all intellectual property rights that may exist in the entry. The event organizers shall not acquire any right, title or ownership interest in any entry. However, by submitting an entry, the event organizers are granted the unconditional and perpetual right, license, and consent to reproduce, encode, store, copy, transmit, publish, post, broadcast, display, and exhibit the entry in any media throughout the world in relation to the competition, without limitation, and without additional review, compensation, or approval from the entrant or any other party. The event organizers shall have the right, but not the obligation, to use the name, likeness, biography and other information of entrants.

Verification

The event organizer reserves the right to independently verify the originality and ownership of the entry and to validate that the entry does not violate the proprietary rights of any third party.

Questions?

If you have questions about any aspect of eligibility or submission requirements, please contact [Joy Scrogum](#).

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