PROJECT ABSTRACTS
Technical/Geek Category

Team Number: 17
Category: Technical / Geek
Project Title: e-Waste Kool Kiosk
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Project Description:
The proposed design involves utilizing locally available e-waste to operate an
ATM-sized stand that can be used indoors or outdoors to perform various
services. The capabilities of an individual kiosk will depend on the e-waste
available for its construction and the need demonstrated in the vicinity of its
installation site.

Such applications will include web browsing, game playing, picture viewing,
audio/video chatting, word processing and printing, music and television
entertainment and more. Any combination of these could be build into one Kool
Kiosk, but all will have an emergency communication function.

The housing of the unit will be made of “green” materials, such as wood from
discarded furniture, highly sustainable bamboo, or another sturdy, locally
available medium. Rustic materials will be the preferred choice so as to visually
reinforce the sustainability concept. Advertisements applied with VOC-free
pigments are a possibility, and could provide capital for installation.

These kiosks can be used for anything from street corner booths for passers-by
or jukeboxes in a dining establishment, maintained by a municipal service or a
private company. Coupled with a service for e-waste collection, the Kool Kiosk
will be a useful tool and a visual reminder of the e-waste problem.
Collecting Station
+Mobile Phone
Digital Lock

Technical / Geek
+EcoModule: a fungible, eco-friendly learning experience
+The E-Wave
+Centuria
+E-Waste
Hydroponics Farm
+e-Waste Kool Kiosk
+Control Your Energy
+CompuTable
+Recycling Kiosk