



SUSTAINABLE E-WASTE Design Competition



PROJECT ABSTRACTS Art/Designer Category

Team Number: 14

Category: Artist / Designer

Project Title: Affordable Developing Country Server/Workstation Network

Team Members: Elizabeth I Ferguson, Eric J Heyen, Katherine B Sotor, Lubomir G Groupev

Project Description:

We propose a method to provide people of low income in developing countries access to sufficiently current personal computing luxuries. Donated older personal computers will be arranged in a central 'server farm' in the center of a town/village. This will be the main computing center of the town's network. Workstations (terminals) consisting of a screen and basic input devices will be provided to individuals' homes, who can then log into an account on the main servers to do basic computing work. This eliminates the need of separate computers in each household, significantly reducing the cost of using a computer. Localized bulletin boards will aid people in selling goods and services, and for general communication. Also, easily self-assembly of simple desktop computers with some local materials will be provided, for those that want a complete system at home, for an affordable price.

Project Abstracts

Artist / Designer

- +QWERTY
- +Tourist Kiosk
- +Weave Lamp
- +WHENCE
- +Penta-Chair
- +Project E3
- +Campus Internet Kiosk
- +Seedling keys
- +Affordable Developing Country Server/Workstation Network
- +Community Projector
- +Digital Address Book for the Baby Boomer Generation
- +E-waste

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



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