



SUSTAINABLE E-WASTE Design Competition



PROJECT ABSTRACTS Technical/Geek Category

Team Number: 18

Category: Technical / Geek

Project Title: Control Your Energy

Team Members: Amy Cade, Victor Carrillo, David Chavez, Suzanna Winans

Project Description:

THumans are inefficient beings. For the amount of work we put into forward motion only a fraction of it is actually used completely, the rest is wasted. The bicycle is one of the few examples of a design that transfers energy efficiently but even the bicycle manages to lose some energy. The amount of forward momentum paired with the actual act of pedaling translates into nearly 100 watts of energy produced on an average bike ride. It would be a great achievement to harness this wasted power.

Our concept takes old computer components and revamps them to create a completely new product that will attach to any bicycle. The wasted energy gathered can be to recharge your phone or other electronic device on the way to your destination.

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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