

Wonder document

Project OUT - the Personal Energy Creator (PEC)

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In this project, we plan to embed some small energy generators into objects that are related to exercising activities (e.g. shoes, backpack, bicycle, ...). The main purpose is to create and store the energy while people are doing the activities outside.

Why? To inspire the average Joe to go jogging or cycling, to reward the people who work hard to maintain their health, to create energy in a cleaner and better way, and to encourage exercise.

How? By harnessing the energy through walking and other activities, such as bicycling, backpacking, skiing, etc. Then part two would include turning that energy to either profits, rewards or using it to power your own devices

What? There are embedded technology in the sole, for example, that can generate electricity while people are walking and jogging. We are also thinking about the opportunity of having an application on a mobile phone to help users track their energy generation of their actions, e.g. the distance they walked against the number of energy they generated in one day.

When? This technology will not be focused on any special time of day. It will be embedded in your shoes or bike, and always harness your hard work. Whenever you feel like using it!

Where? Inside the house, on a treadmill, or outside when taking a walk, at work or at a friend's place, In another country or in downtown traffic. And just think about how green most sports, joggers, dancers (etc) will become!

Who? In theory, everyone could benefit! Shoes or wheels would be the primary area of focus. Blind, deaf or wheelchair, it should work for absolutely everyone.