

3 Eco Friendly Concepts Created to Change Daily Life

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Quickly consumers are becoming more aware of the carbon footprint that is being left behind, and are seeking ways to diminish harmful emissions, reduce power use and increase sustainability in daily life. Here are three “green” concepts designed to alter how consumers relate with household items.

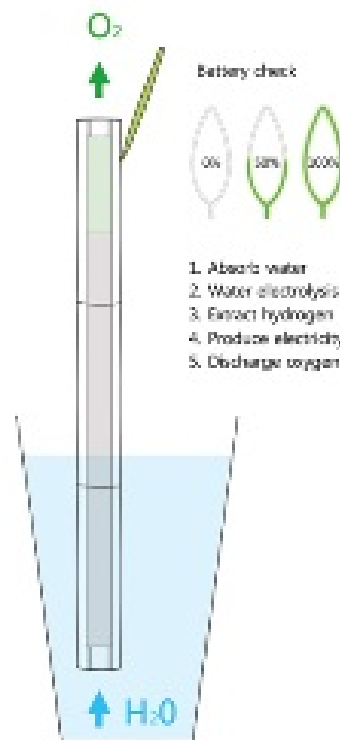
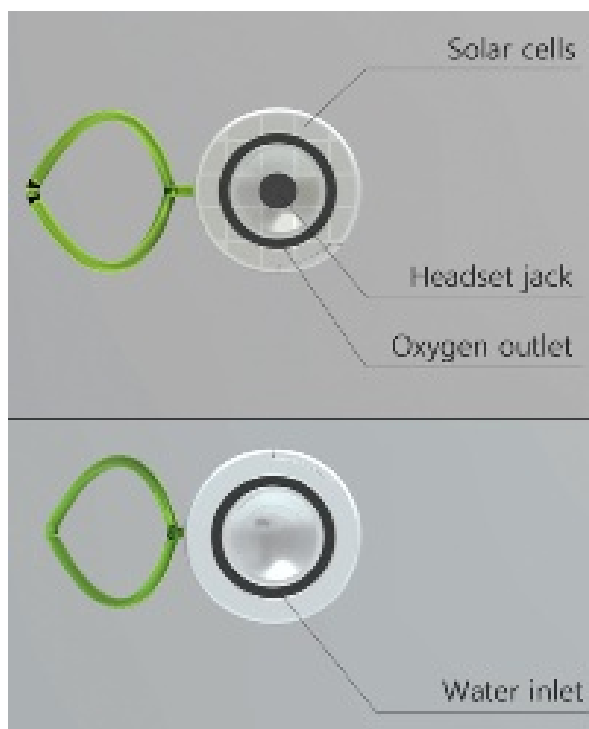
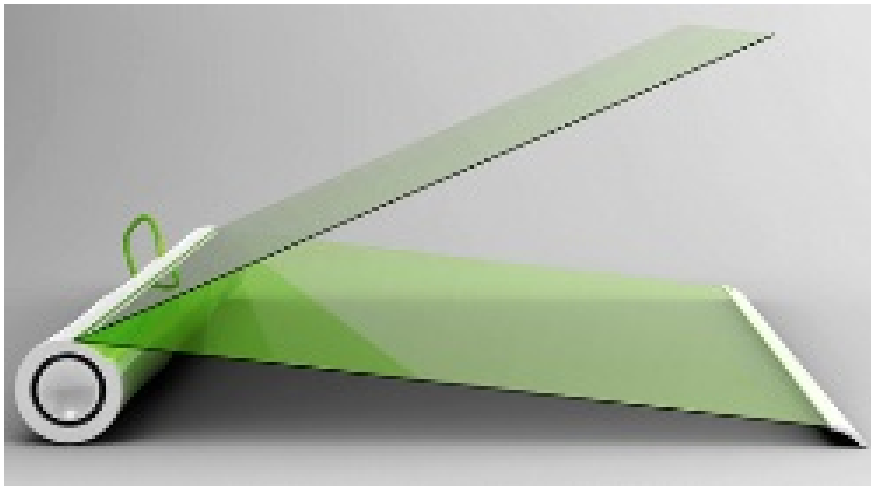
Plantbook - Oxygenized Notebook

The [Plantbook](#) [1] is a laptop that runs on water, bridging the gap between artificial and organic in its design. Conceived by Hyerim Kim and Seunggi Baek, the Plantbook actually improves its surrounding environment rather than drain energy like conventional notebooks. It drinks H₂O and experiences a sort of photosynthesis – hence the name. When power is low, simply place the long tubular battery in a glass of water. The fuel cells in the Plantbook soak up the sun’s rays through integrated solar panels, and through harnessing this energy it generates electrolysis with the clear liquid, and discharges oxygen. The small green silicon handle turns green depending on the charging status of the laptop while the battery is still submerged.



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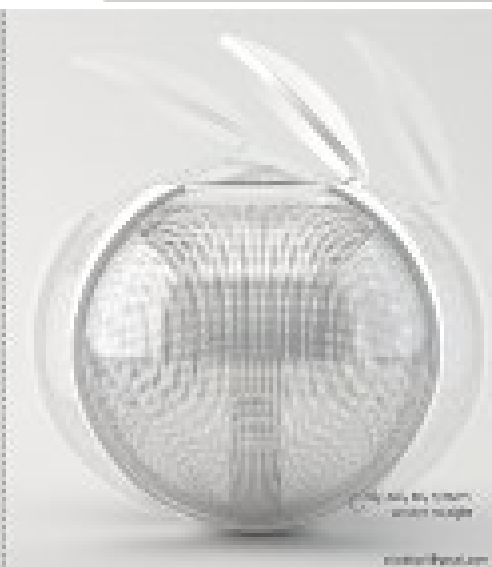


Electrolux Orbit- Waterless Washing Machine

The [Electrolux Orbit](#) [2] was a concept developed by Elie Ahovi for the Electrolux Design Lab for possible 2050 distribution. This washing machine uses dry ice rather than water to clean clothes. The drum, or ball, inside the ring is superconductive and cooled by liquid nitrogen. Once clothes are placed inside the drum and a program is selected, the drum levitates and electric currents flow to exclude the magnetic flow. The ring is battery charged, and during levitation, the drum produces energy that charges the ring when the drum is off. The Electrolux Orbit offers a noise-free, easy-to-handle, clean experience of washing clothes.

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Riti Printer- Coffee Grounded Ink

The [Riti Printer](#) [3] was one of fifty top entries in the 2009 Greener Gadgets Competition, and reinvented the notion “recycle.” This printer replaces expensive and environmentally hazardous inkjet cartridges, with used coffee grounds or tea dregs. After finishing your morning cup of coffee, simply place the used grounds into the cartridge with some water, and manually move the printing mechanism back and forth to create an image. Designed by Jeon Hwan Ju, the Riti Printer concept reduces the need for an external power source and ink, thanks to a morning wake-me-up and some man power.



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Links:

[1] <http://www.yankodesign.com/2011/07/14/oxygenated-notebook/>

[2] <http://www.elieahovi.com/40900/382600/work/orbit-washing-machine-electrolux>

[3] <http://inhabitat.com/riti-coffee-printer-greener-gadgets/>