

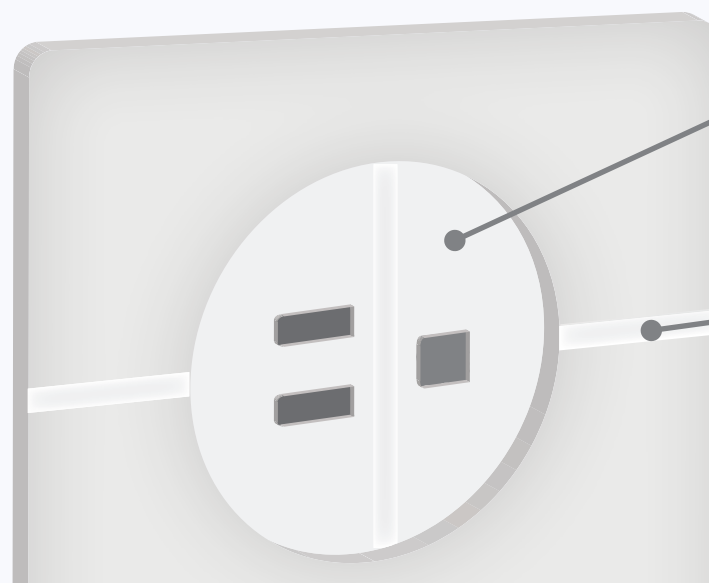


Wall Outlet Redesign | Sustainable Interaction Design

Current State:

- No indication of electrical flow
- Unable to turn "off" outlet
- No messaging about amount or time of consumption
- No indication of phantom load
- Dangerous for children

Redesign:



A discrete control knob enables toggling the outlet "off" (no electrical flow) & "on" (live outlet)

Light indicates electrical flow and length of consumption (from one week to one month)

Interaction:



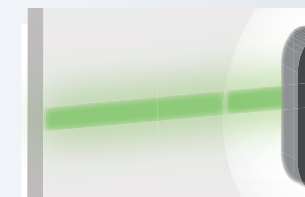
- No electrical flow in "off" state



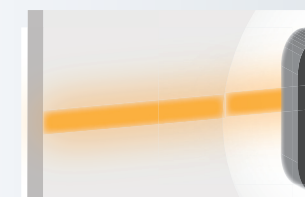
- Rotate 90 degrees to turn "on" outlet



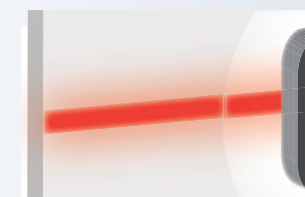
- Light indicates electrical flow
- Light color resets when unplugged



1 Day



1 Week



1 Mnth