

STATIC! design for increased energy awareness

Energy is an invisible and increasingly valuable resource. However, in the design of everyday domestic environments, buildings and products, electricity and energy use is not often made explicit. STATIC! is a design research project that investigates interaction design as a means of increasing our awareness of how energy is used and for stimulating changes in energy behaviour. Through design, our goal is to empower people in their use of products by increasing the visibility - and choices available to the consumer - of energy use in everyday life.



design research

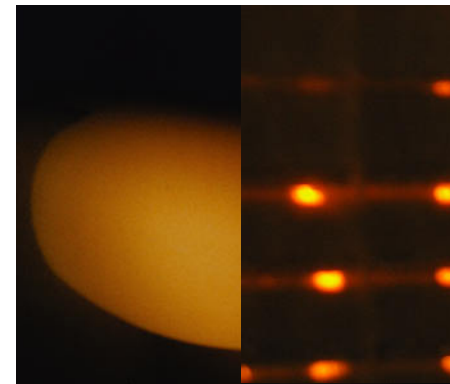
STATIC! begins with the intention of empowering people in their use of products by increasing the visibility of choices available. Taking an interdisciplinary approach based on design research, STATIC! aims to investigate the potential for incorporating increased representation of, and interaction with, energy in domestic products - thereby promoting reflection upon how energy is used in everyday life. Our research results bring academic and societal value, emphasizing the importance of user-centered design in product development.



energy as design material

In the STATIC! project, we consider energy as a design material - alongside materials like plastic, textile and wood - that can be used to craft objects. As an expressive material in the design of products, energy visibility and use are brought to the forefront enabling people to have an increased awareness of, and control over, the energy in the things they use. This approach focuses on energy as a core aesthetic and functional issue in early stages of product design.

Together with academic and industrial partners, we are creating a variety of design examples to expose and test ideas on energy use with people in their everyday environment.



Interactive Institute

Interactive Institute is an experimental IT research institute consisting of multiple research studios spread throughout Sweden. The institute acts as a meeting place - an interdisciplinary arena joining art, science, industry and public life in research projects and strategic initiatives to promote innovation, creativity and sustainable growth.

Research projects within the Interactive Institute generate results to impact a range of arenas. Practical results are produced in the form of prototypes to reveal and test potential futures with users, stakeholders, and collaborators.

STATIC! www.tii.se/static

STATIC! is a research project funded by the Swedish Energy Agency (Energimyndigheten or STEM). It is a collaboration between the POWER and RE:FORM studios of the Interactive Institute. Partners include Front, Ludvig Svensson AB, Mälardalen University, Region Västra Götaland, School of Design and Crafts (HDK) at Göteborg University, Swedish Industrial Design Foundation (SVID) and Swedish School of Textiles at the University College of Borås.

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