

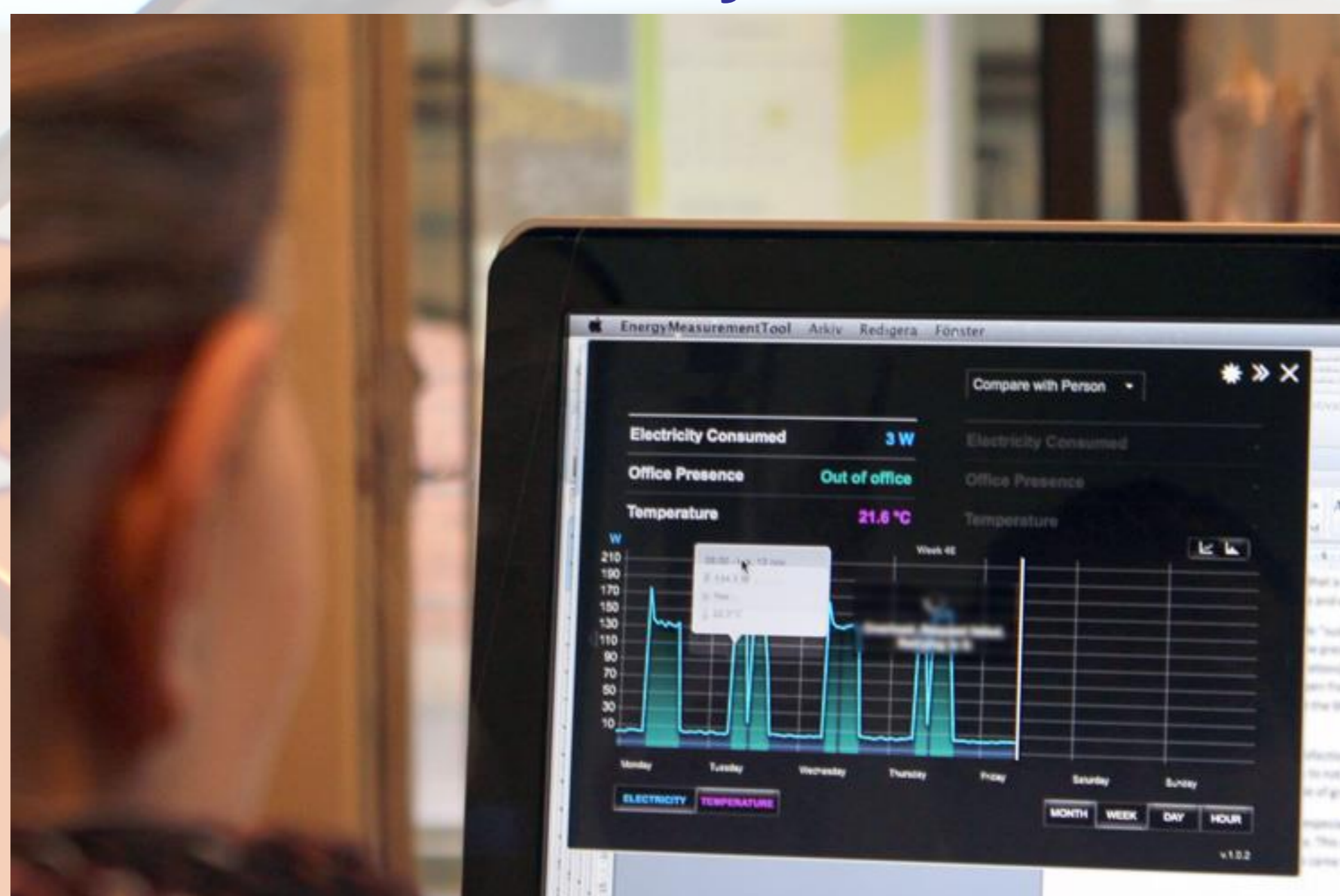
# OfficeWise: Energy Feedback in Office Workplaces

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The project explores the possibilities for office workers to turn energy feedback into action by supplying energy visualization tools.

Three prototypes, addressing both individual and collective energy use in different everyday working environments, were developed in co-creation with employees at a Swedish workplace.

## Individual electricity use



PC application providing real time feedback on electricity use in the individual office room and possibility for comparison between users.

## Collective electricity use

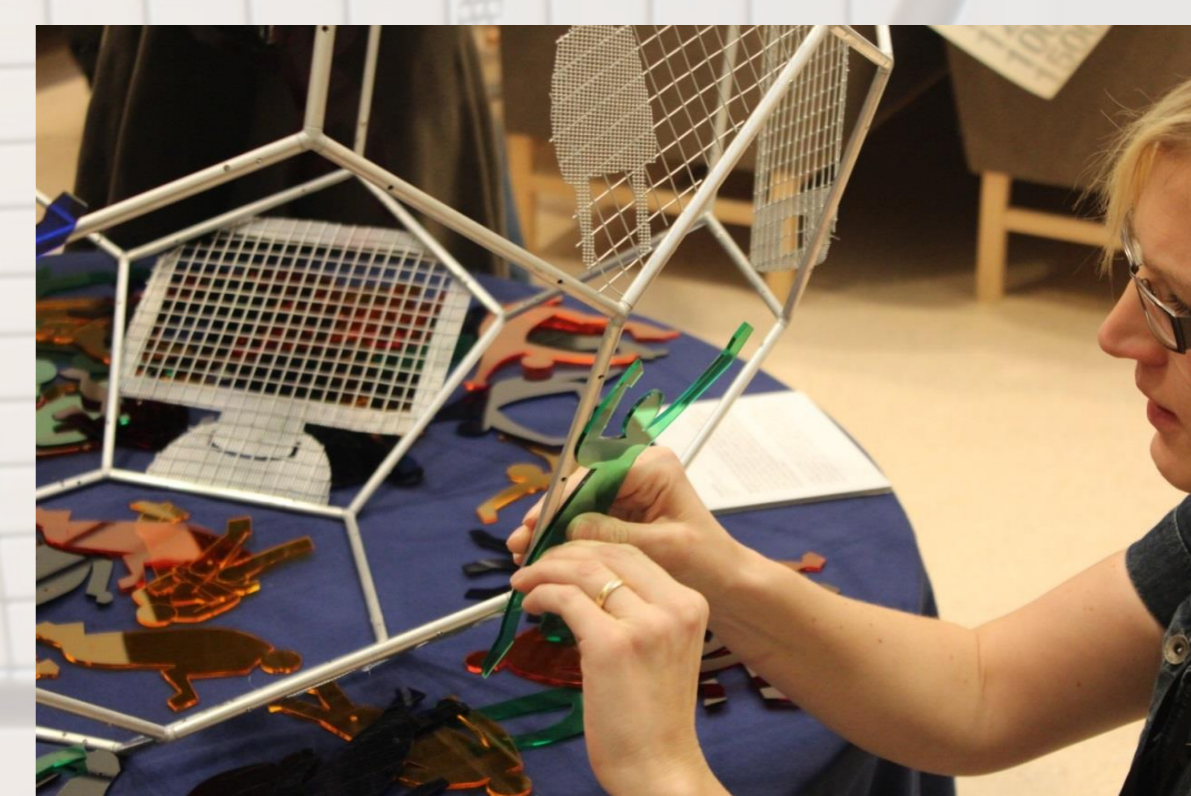


Chandelier in the lunch room moving with variations in total electricity use. It is both an ever-present reminder of energy use and an attractive display object for visitors.

## Collective electricity use



Screen-based visualization in the office reception area offering detailed information on total electricity use, PV production, challenges etc.



Participatory approach. Office workers took part in design workshops and co-creation events, both to foster engagement and a feeling of ownership.

## Absence electricity

electricity used when no one is present

Used as key figure for assessing behavioural energy efficiency. Focusing on periods of absence reduces the impact of different working tasks among participants in competitions and emphasis unnecessary energy use.

## 32 % reductions

in a one-week energy saving challenge

Office workers reduced their use of absence electricity by 32 %, corresponding to 17 % of the total electricity use in individual offices. This was achieved mainly by:

- energy saving settings for computers and monitors
- load shifts to periods of presence

Project partner:

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