

SHARE

Social Housing Action to
Reduce Energy Consumption



Case Study 2



discovering electron flow

The Energy Agency for Southeast Sweden (ESS) held several training sessions for staff and tenants of the housing companies Byggebo and Mönsterås Bostäder AB as part of the SHARE project.

The aim of the training was to raise the awareness of the housing staff and tenants about the efficient use of energy/water and energy/water saving.

Two different types of training were used, depending on the participants:

- A more theoretical, technical advanced training for participants with an energy background.
- A general introduction to climate change, energy and water consumption, with an interactive approach. in cooperation with the eXperimentLabbet Kalmar (www.xl.hik.se/).

Training for staff and tenants in South East Sweden

The second approach takes participants through an understanding of 'What is Energy' and then focuses on developing an understanding of "Why energy saving is so important" .

Bernth Norén from the eXperimentLabbet Kalmar helps participants to visualise energy and water consumption through carrying out several easy experiments.

He starts with an apparatus which visualises the flow of electrons which participants can test. As an example he explains how a bulb functions on the basis of a wire between anode and cathode. This is followed by several other easy experiments dealing with energy.

SHARE is an Intelligent Energy Europe Project working in Eight European areas to develop energy efficiency and low carbon technologies in social housing. For more information about the SHARE project and for other case studies see the project website:
www.socialhousingaction.com



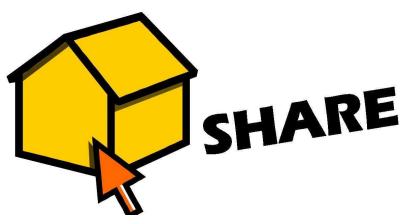
visualising energy flow

Following the energy visualisation the focus shifts to water. This is illustrated by showing the audience different filled canisters and letting the audience guess which canister exhibits the consumption of which country.



Visualising water consumption in different countries

It is important to tailor training to the background and knowledge of the target audience. Both training sessions used in this programme were found to be useful instruments to raise awareness amongst staff as well as tenants.



Further ideas to visualize energy and water consumption



the water reserves of the world

The teapot symbolizes the total water reserves of the world. One tea cup symbolizes the quantity of fresh water. 3 drops of fresh water are accessible to mankind.



microwave experiments

Presenting the invention of the microwave and its specialities. What happens when you microwave metal things? What about light bulbs?

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