

Project no. 335-024

Electricity consumption in schools – key figures and visibility

Project manager: SBI – Ole Michael Jensen – Tel.: +45 9940 2373

This project processes available data on electricity consumption, building conditions and student numbers in schools to produce key figures which schools can use for benchmarking their own consumption data. These key figures are reported on the Internet.

Results:

The results are presented in the form of a website and a background report. With the website www.tjekskoleforbrug.dk the project team has developed a benchmarking tool which allows Danish primary and lower secondary schools to see key figures for their consumption of electricity, heating and water, and to use such key figures to compare themselves with other schools either within their local authority area or in Denmark as a whole.

This Internet tool also provides an opportunity to make corrections for SFO (after school care), evening school and out-of-hours learning, none of which is really part of the school's consumption as such. Finally, it provides an opportunity to perform calculations which indicate what energy savings have to be achieved in order to improve the school's key figures.

Implementation:

A lot of interest in using the website is anticipated, and so it is also expected that suggested savings will be implemented on an ongoing basis as individual schools use the website tool.