

Uncertainty Analysis in Energy Savings Calculations

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Poster Summary

Many countries calculate yearly energy savings figures. These figures sometimes change considerably from year to year, and sometimes the multi-year trend is not very clearly upwards or downwards despite larger fluctuations from one year to the next. In these circumstances the question may arise how significant the developments one sees are. This is all the more important when the outcomes are used for policy evaluations.

A useful approach to address this issue is the application of uncertainty analysis that will result in upper and lower bounds of the calculated savings percentages. This way it will become possible to see if trends are significant or not, and if differences between developments in different sectors or countries are real or not. An approach like this, developed by a platform of Dutch organisations active in the field of energy savings, has been taken in The Netherlands for use in the national energy savings calculations.