Registration and validation of energy saving activities – Practical experiences and cost-effective solutions

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Welcome from the organizers

- The Danish Energy Authority
- The Association of Danish Energy Companies
Energy efficiency

- The climate is changing
- Oil and gas prices are high and rising
- CO$_2$ is more expensive than ever expected
- Electricity-prices are high and rising

- The need for energy efficiency and energy savings is growing fast.
The Objective of the Seminar

• We want to evaluate energy saving activities for 4 reasons:
  • To verify whether goals have been achieved
  • To create a basis for comparison
  • To verify a theory behind an activity
  • To gather inspiration for improvement of activities

• Our aim today is concentrated on measuring whether a goal has been achieved
A difficult trade-off

• Measurements are imperfect and can always be better
• We want simple solutions – not to spend too many resources on measurement – but to concentrate on activities
• We want
  • A reasonably true indicator of the effect of activities
  • It must be easy and simple
  • More information is not always better
The pragmatic approach

• We are not here to evaluate new theory
  • We want to hear the thoughts of the EU-commission on the subject of measurement
  • We want to hear the experience from other countries
  • We will hear about the UK “bottom up” – measurement in the residential sector, the experiences from Italy on white certificates and from Norway – the Energy Fund model
  • After lunch we will tell you about the extensive changes in the Danish system of energy savings, and we will hear about the experiences from Germany and the US