



energy authority

Experience feedback from
Finland

Fair energy



Evaluations – broadly speaking...

- Continuous (ex-post) evaluation processes
 - Analysing continuously the data provided by a comprehensive monitoring and verification system
- Evaluation projects
 - Ex-ante, periodical during the operation of the scheme, or ex-post
 - Normally separate contracts, really lot of resources/input from us needed
- Both have pros and cons
 - Neither is free of charge, small schemes can't carry high evaluation costs
 - In-house or contracted consultant, independency can be questioned
 - Critical is the criteria against which the evaluation is done?



What we have, what we do

- Continuous evaluation
 - More or less all major schemes have continuous evaluation
 - Subsidy Scheme for EE and RES since 1992
 - Energy Audit Programme since 1994
 - Energy Efficiency Agreements 1997-2007, 2008-2016, 2017-2025
- Ex-ante/ex-post evaluations
 - Some schemes have been evaluated ex-post by independent evaluators several times, for various reasons
 - In all legislative processes an ex-ante evaluation is mandatory in Finland
 - Ex-ante/ex-post evaluations do not need to be heavy projects
 - Continuous M&V provide good data for quick ex-ante and ex-post evaluations



Why we do it?

- MTI financed the first EAP 1982-1983 and similar activities in 1986-87
 - A typical government's programme was "2-3 years intervention and then something else".
 - Very bad for any business, no time to establish anything permanent.
- Another subsidy scheme for energy audits was launched in 1992
- National Energy Agency Motiva was established in May 1993
 - One main task was to develop the subsidy scheme into a comprehensive Energy Audit Programme, 3½ years time given
 - The Conclusion - show results, prove benefits, ensure good use of public money, or the EAP will run 3½ years and then we do something else.
 - Another conclusion was that the quality of EAs done so far varied too much



Some cases we have had

- Case Bad: Energy Audit Programme evaluation around 2004-2005
 - The evaluation had only one aim – to give evidence on poor performance
- Case Good: Ex-post evaluation on the VA Scheme 1997-2007
 - We wanted a good independent look from outside (one year, 80 000 €)
- Case NI: Ex-post evaluation on the VA Scheme 2008-2016
 - Comprehensive data on the good results and no need for major changes
- Case Q&D: Kill the idea of terminating the subsidies for EAs ~1995
 - Economy recovering after bad recession and normally then start the cuts



Continuous annual ex-post evaluation

- The aim of evaluation is to provide us data for better understanding on the existing situation and reasoning for any decision making
 - Some data on EAs is nearly on-line (Case EAs spring 1995 and spring 2014)
 - Preliminary information on Voluntary Agreements from the previous year we get before summer, comprehensive reporting is complete in October
 - Important is to know what is going on, what can be done is another question
- We do it by ourselves (Motiva)
 - We are doing evaluations mainly for ourselves, same data goes to Brussels
 - We have the best expertise on EAs and VAs and on the M&V&E processes
 - This is a choice between a smaller effort every year vs. a bigger effort eg. every 5 years

Continuous process or project – both are needed



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