



# CA EED – Good Practice Factsheet Template

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| Core Theme and topic  | <i>CT3 - Cost Effectiveness of Individual Metering/Billing</i>  |
| Name of work programme/project                                | <i>Study of Cost Effectiveness of Individual Heat Meters and Heat Cost Allocators in Apartment Buildings in Finland</i>   |
| <b>Project scope and description</b>                          |   |
| Short description of the programme & what it hopes to achieve | <i>The project was started in order to study the cost effectiveness of individual heat meters and heat cost allocators in multi-family houses in Finland referring to the EED art 9 (3).</i>  |
| What is the scope of the project? e.g.                        | <i>The project was national and focused in multi-family houses where the dwellers are either tenants or owners/ shareholders of the housing cooperative.</i>  |
| Who are the key people involved?                              | <i>The study was commissioned by the Ministry of Employment and the Economy and it was performed by VTT Technical Research Centre of Finland (VTT).<br/><br/>A steering group of 12 people was established for the study having representatives from the Ministry of Employment and the Economy, Ministry of Environment, Motiva, Energy Industry of Finland, Energy Authority, The Finnish Real Estate Federation and The Finnish Safety and Chemicals Agency (Tukes).</i> |
| Who was the target audience?                                  | <i>The project was primarily aimed at the authorities who are just now (winter 2013/2014) writing the new energy efficiency law for the implementation of EED and other stakeholders involved or experts of the topic.</i>  |
| How was this work programme/ project financed?                | <i>The study was financed by the Ministry of Employment and the Economy in Finland.</i>   |
| What was the cost of the work programme/project?              | <i>45 000 € + VAT</i>   |
| When did it start and end?                                    | <i>From Spring 2013 till late Autumn 2013</i>   |
| <b>Project Outcomes &amp; Communication</b>                   |   |
| What were the key achievements?                               | <i>The most important outcome about the project was to get reliable facts and results about the cost effectiveness of heat meters or heat cost allocators in apartments in Finland.<br/><br/>The topic i.e. heat metering in apartments, is not new in Finland but it has been under discussion and judgement for decades. The heat meters or cost allocators have faced</i>  |





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|  | <p><i>mistrust and critics for many reasons (listed e.g. in the statement of Technical Board of Helsinki City 1.4.2008) though cost effectiveness have not been lately studied in deep details like in this study.</i></p> <p><i>Now the study, that was focusing clearly to the direct costs, shows the heat meters and cost allocators in apartments not to be cost effective in the Finnish circumstances (taking into account the state of energy efficiency, typical HVAC solutions in apartment buildings and the climate in Finland). So the result of the study confirms the previous views and positions of the issue.</i></p> |
| What were the outcomes and expected benefits?  | <i>The study will give a clear indication to the authorities when formulating the energy efficiency law for implementing EED.</i>   |
| What were the key lessons learned?   | <i>The results were supporting the previous views and positions about the matter and it gave a clear verification to the policy followed until now.</i>   |
| Is there anything you would do differently in future?  | -   |
| What makes this a good practice example?   | <i>The study clearly shows that the results from studies made in other MS cannot directly be adopted to another MS but MS should always make studies of their own taking into account the local circumstances, culture and technical background – this is most important if the issue might have significant cost impacts in the MS.</i>  |
| Web links to further information   | <a href="http://www.tem.fi/files/38260/EED_lammonkulutuksen_mittaus_19_11_2013_netiversio.pdf">http://www.tem.fi/files/38260/EED_lammonkulutuksen_mittaus_19_11_2013_netiversio.pdf</a>   |
| Contact details of named person for further information  | <i>Pertti Koski, Motiva Oy, <a href="mailto:pertti.koski@motiva.fi">pertti.koski@motiva.fi</a><br/>Pentti Puhakka, Ministry of Employment and the Economy, <a href="mailto:pentti.puhakka@tem.fi">pentti.puhakka@tem.fi</a></i>   |
| Please indicate if you can give a short (15 minute) presentation at a Plenary Meeting or other event | Yes   |
| Please indicate if this case study can be made available to the public?                              | Yes   |

