

CA EED – Good Practice Factsheet

Energy audits – Czech Republic

Core Theme and topic	<p>Core Theme 5: Energy services and ESCOs, energy auditing, solving administrative barriers</p> <p>Core Theme 6: Consumer information programmes, training and certification of professionals</p> <p>Joint Working group 5-6.1 Energy audits: obligations, minimum criteria and qualification, accreditation and certification schemes</p>
Name of work programme/project	<p>Energy Auditing scheme</p> <p>Defined in:</p> <p>Energy Management Act 406/2000 Coll. The Act defines inter alia, “energy auditor” and “energy audit”.</p>
Project scope and description	
Short description of the programme & what it hopes to achieve	<p>The act states compulsory elaboration of energy audits for:</p> <ul style="list-style-type: none"> - Public entities (state, regional and municipal organisation units), and entities financed in part from state budget if their total annual energy consumption is higher than 1500 GJ - All legal entities of which the total annual energy consumption is higher than 35 000 GJ. <p>The aim is to identify potential of energy savings and economic efficiency of the proposed energy saving measures.</p>
What is the scope of the project? e.g. - National/regional/local - Building type/owner	<p>National, defined by Energy Management Act 406/2000 Coll. (amended in 2012) - adopted to contribute to efficient use of natural resources and energy. Refers to technical equipment using energy (eg, in industrial processes), energy production equipment and the energy use of buildings.</p>
Who are the key people involved? e.g.: - Installers - Local Authorities	<p>Ministry of Industry and Trade (MIT) – certification body of energy auditors</p> <p>State Energy Inspection (SEI) - control of energy audits</p> <p>Association of Energy Auditors – education and training of energy auditors</p> <p>Czech Chamber of Certified Architects, Engineers and Technicians – education and training of energy auditors</p>
Who was the target audience?	<p>Industrial companies, owners / facility managers of commercial and public buildings with an energy consumption over a certain threshold (1500 GJ annual consumption for public buildings and 35000 GJ annual consumption for all other legal entities)</p>
How was this work programme/project financed?	<p>Each entity pays for the energy audit. Each auditor pays for him/herself the costs of the energy auditor training.</p>

What was the cost of the work programme/project?	Data not available
When did it start and end?	The project started in 2001 and still continues.
Project Outcomes & Communication	
What were the key achievements?	Energy audit became the mandatory technical document for power generating / consumption equipment over the annual threshold and (public) buildings with consumption over the limit. The State Energy Inspectorate may order the public sector to implement measures identified through the energy audit.
What were the outcomes and expected benefits?	There are more than 350 energy auditors and more than 1,500 energy audits are prepared annually.
What were the key lessons learned?	At the outset, it was not clear who would pay for the energy audit in buildings where there were a different owner and tenant. Usually the owner and the tenant were able to agree on this, but in a few cases where no agreement could be reached and the energy audit was not carried out, the obligation was not enforced by the SEI. Energy audit is a professional and costly document, so for a number of purposes an easier approach was proposed (energy expert opinion).
Is there anything you would do differently in future?	Parallel to the energy audit, a simpler document - energy expertise - is defined in the new Energy Management Act (2012) to be used.
What makes this a good practice example?	Energy audit is obligatory for energy consumption over the limit. Energy auditor is a private person!
Web links to further information	www.mpo.cz , www.aeaonline.cz , www.enviros.cz , www.cr-sei.cz ,
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Please indicate if you can give a short (15 minute) presentation at a Plenary Meeting or other event	A presentation was given at the CA EED Plenary Meeting in Dublin (March 2013)
Please indicate if this case study can be made available to the public?	Yes