



Energy Audits

Energy audits aim to lower energy and water consumption and related costs and CO₂ emissions.

By means of energy audits the target facility's whole energy consumption, energy potential and derived profitability are clarified:

- The target's energy consumption distribution is defined
- The audit produces concrete suggestions for improving efficiency and profitability
- An audit report is drawn up which can be used in related investment decision making.

The Finnish Ministry of Employment and the Economy subsidises energy audits that have been conducted according to the Motiva model. The subsidy covers a maximum of 40-60% of the energy audit costs.

Financial benefits achieved with energy audits

Via the energy audit the energy consumption problem areas are identified:

- We investigate the possibility to benefit effectively from energy recovery and heat emissions.
- We identify renewable and local energy sources that can be used
- Savings can be achieved by changing working methods, maintenance activities and by replacing old devices.

An energy audit is also an effective way of achieving energy efficiency and environmental goals.



Industrial energy audits
competitive advantage through energy efficiency



Renewable energy communal audit
supports decision making



Real estate energy audits
reduce costs through energy savings

Different audit models and their investigation targets

AUDIT MODELS	INVESTIGATION TARGETS		
	Building systems and structures	Process serving items	Process and production
Real estate energy audits	X		
Industrial energy audits	X	X	
Industrial energy analysis	X	X	X
Process Industry energy analysis	X	X	X

Effective, expert audit services

Elomatic's expert auditors conduct energy audits according to the Motiva model for industry, communes and real estates.

The audits are conducted by Motiva trained and authorized auditors that have diverse experience of energy projects.

Elomatic's know-how covers the design and implementation of realization projects. Elomatic is a diversified consulting and engineering company with extensive plant and process know-how.

Audit models

Real estate audits focus on identifying possible savings in the real estate's HVAC and electrical devices and their methods of use. Industrial audits target production related energy and water consumption and how the consumption may be lowered.

Renewable energy audits clarify the renewable energy production potential of the communal area and the financial viability of increasing local energy production.



CONTACT DETAILS

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