Instruments

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Legal measures

- Act 406/2000 on economic use of energy
- Energy Efficiency Audits
 - Means and strategies of decreasing consumption
 - Thermal properties of buildings
 - Large enterprises obliged to undertake once in 4 years
- Energy Efficiency Assessment
 - Feasibility of alternative sources of energy and energy intensity decrease in new/reconstructed buildings
- Public procurement must take EE into account



Legal measures

- Obligation to check status of heating furnaces and/or air-conditioning devices
- Decreasing energy intensity in buildings
 - Passport of Energy Intensity of Building
 - Cost-effectiveness important
- Energy labelling
- Ecodesign standards

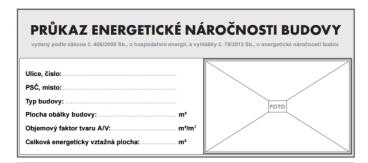


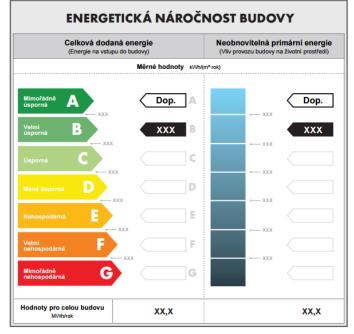
Exemplary role of public buildings

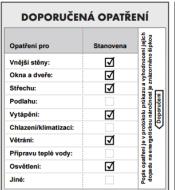
- 975 buildings
- Alternative approach
 - Low-investment measures first changes in utilization of energy in public buildings
 - Medium investment measures replacement of heat sources, efficient regulation
 - High-investment measures last measures where reconstruction and building jobs are necessary
- Many central public institutions' buildings are historic
- Consumption in public buildings monitored by MIT

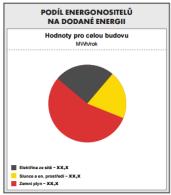


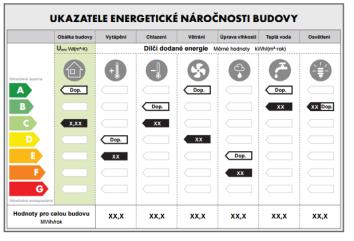
Passport of Energy Intensity of Building













Energy specialists

- Ministry of Industry and Trade certification of individual energy experts
- List of energy specialists maintained by Ministry of Industry and Trade
- Fairly important role in the system
- ~1500 certified experts



Financial instruments

- Investment and non-investment subsidies
 - Investment subsidies
 - European sources Operational Programmes
 - Domestic sources
 - Non-investment subsidies
 - Various feasibility analyses
 - Technical documentation subsidies
 - Energy audits, assesments
 - Energy Management Standards implementation
 - Information campaigns
- Low interest rate loan schemes and other instruments



Energy Management Standards

- Implementation of energy management standard ISO 50001
 - In line with ISO 9001 (quality management) and ISO 14001 (environmental management)
- Energy savings stemming from analysis of processes in companies
- No particular requirement to implement yet in companies
- Public institutions encouraged to do so



Energy Performance Contracting

- Energy companies offer services with a guarantee of energy savings
 - End-user is not responsible for achieving savnigs
 - Energy savings finance investment
- Financing sources not tied to EPC arrangement
- Purely commercial relationship
- Suitable for wide range of actors
- NAPEE 2014



Communication

- Information campaigns
- Motivation of key stakeholders
- Explanation of savings' importance from government agencies



Voluntary agreements

- Not yet present in Czech republic
- Applicability in Czech environment at large scale questionable

