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# Requirements for energy audits and energy management systems according to Directive 2012/27/EU

Alexander Antonenko

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BUILDING PARTNERSHIPS FOR ENERGY SECURITY

# Mandatory energy audits



- **Mandatory/regular energy audits for large enterprises** – one of the requirements of Directive on EE (2012/27/EU)
- **Purpose** - energy savings can be significant
- **A large enterprise** (Commission Recommendation 2003/361/EC of 6 May 2003):
  - employs > 250 persons and
  - has an annual turnover > 50 mil EUR, and/or an annual balance sheet total > 43 mil EUR
- **Energy audits for SME** – not mandatory (promote only)

# Exemption



- Large enterprises implementing energy or environmental management system
- Certified by an independent body according to the relevant European or International Standards
- Management system includes an energy audit on the basis of the minimum criteria based on Annex VI.

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# Methodology for Energy Audits



- **Relevant EU or International Standards, i.e.**
  - EN ISO 50001 (Energy Management Systems), or
  - EN 16247-1 (Energy Audits)
- **Annex VI. Minimum criteria for energy audits, i.e**
  - up-to-date, measured data on energy;
  - life-cycle cost analysis (LCCA) not Simple Payback Periods (SPP);
  - Identify the most significant opportunities.
- **A specific European standard on energy audits is currently under development.**

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# Timeframe for EU MS



- **June 5, 2014** – MS should introduce mandatory audits
- **December 5, 2015** – deadline for conducting mandatory energy audits, incl.:
  - carried out in an independent and cost-effective manner;
  - by qualified and/or accredited experts

**After that at least every 4 years**

# Benefits for the country



- Reduction of energy consumption
- Reduction of energy dependency
- Improved competitiveness of local products
- Additional investments in EE measures
- Creation of Jobs
- Reduction of impact on environment
- Fulfilment of EE targets

**The owners are very often not familiar with the EE technologies that can enhance their competitiveness**

# INOGATE Technical Secretariat



**THANK YOU**

**Alexander Antonenko, RES/EE Policy Expert**

**[a.antonenko@inogate.org](mailto:a.antonenko@inogate.org)**

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