

# Energy Audit Obligation, Art 8, in Sweden

-guiding thresholds for energy use

Concerted Action EED, Zagreb 2019-10-17  
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# Energy audit obligation SE

- All large enterprises (linked, partner, groups, globally)
- According to standard (EN 16247, ISO 50 001, ISO 50 002 etc.)
- 230 certified energy auditors + 60 from other MS
- Guidance (10 in total)
  - What is a large enterprise?
  - How to carry out an energy audit
  - Energy audits in different sectors
- Stakeholder dialogue: meetings and workshops
- Carry out the audit in steps over the 4-year period

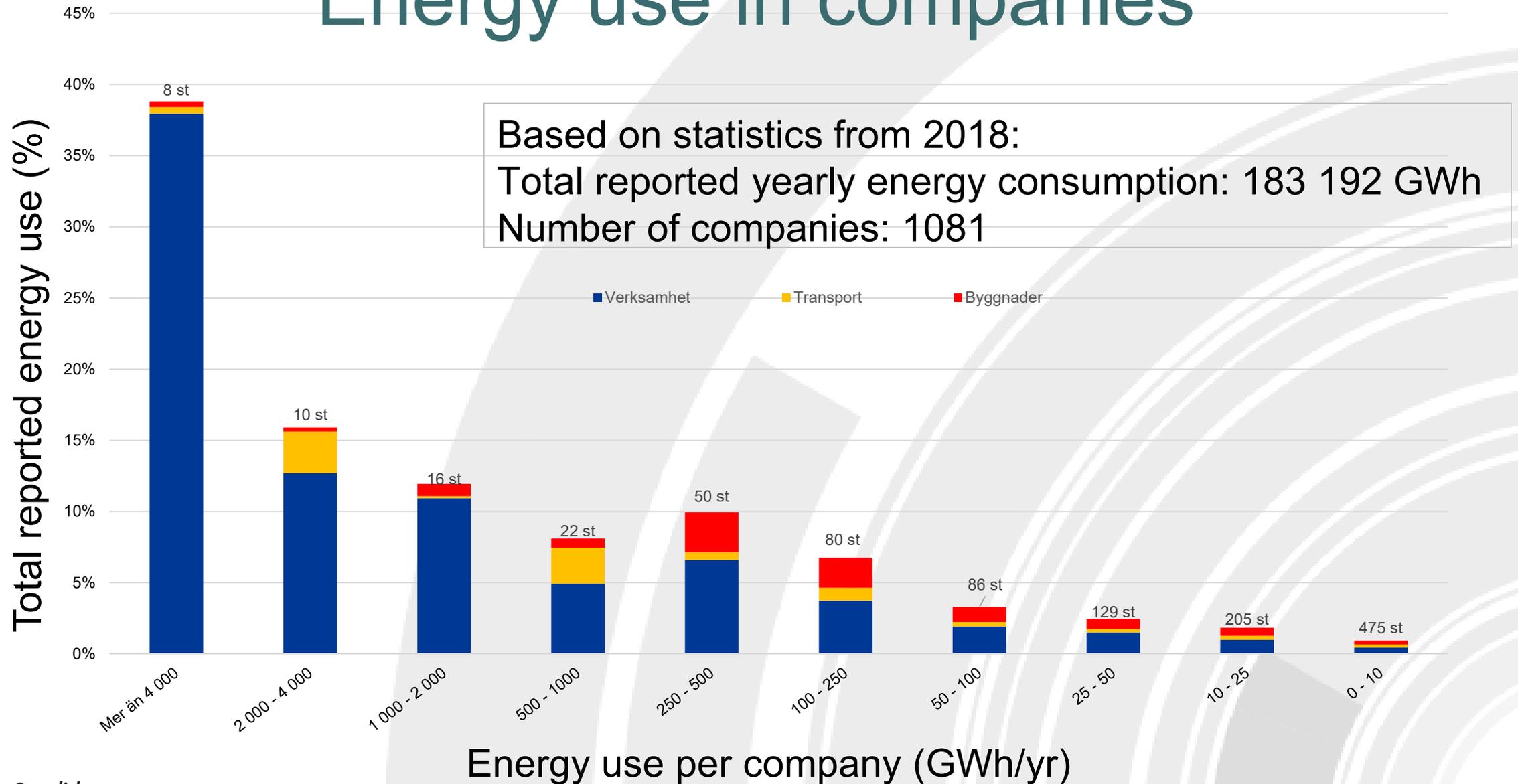
# Results from Energy Audit Obligation

- **1150** reports from large enterprises (both company groups and individual companies)
  - Totally about **5000** individual organisations
- **Totally 188 TWh (total energy use in Sweden 378 TWh)**
- **Identified potential 6,8 TWh (value 300 MEUR)**
- **Ca 50%** of the companies have performed energy audit for the first time.

# Guidance for next 4-year period

- **Aim of regulation: promote energy efficiency in large enterprises**
- EU-guidance: cost effectiveness, representativeness, proportionality
- Focus on potential for energy efficiency
  - New energy efficiency measures
  - Plan for implementation
  - Follow up on previous energy efficiency measures
  - Simplified process for some companies

# Energy use in companies



# Guidance for various types of companies

- **Use less than 500 MWh/year, ~~belonging to international company~~**
  - Simplified audit – total energy consumption
- **Use less than 10 GWh/year (except for manufacturing industry)**
  - Checklist (based on standard)
  - Certified energy auditor or management system
  - Focus on energy efficiency measures (plan for implementation)
- **Use more than 10 GWh/year (or manufacturing industry)**
  - According to standard, no checklist accepted
  - Certified energy auditor or management system
  - Focus on energy efficiency measures (plan for implementation)

# Energy Step – After the Energy Audit - Manufacturing Industry

Within the program, industrial companies can apply for two types of financial support:

## 1. Pre-study support

- Enterprises can apply for grants for an in-depth project planning or study of energy-efficient measures.

## 2. Investment support

- Enterprises can apply for investment support for energy efficiency measures identified in the mandatory energy audit.



# Thank you for your attention!

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