



# New Energy Audit Program in Sweden

- In a broader context

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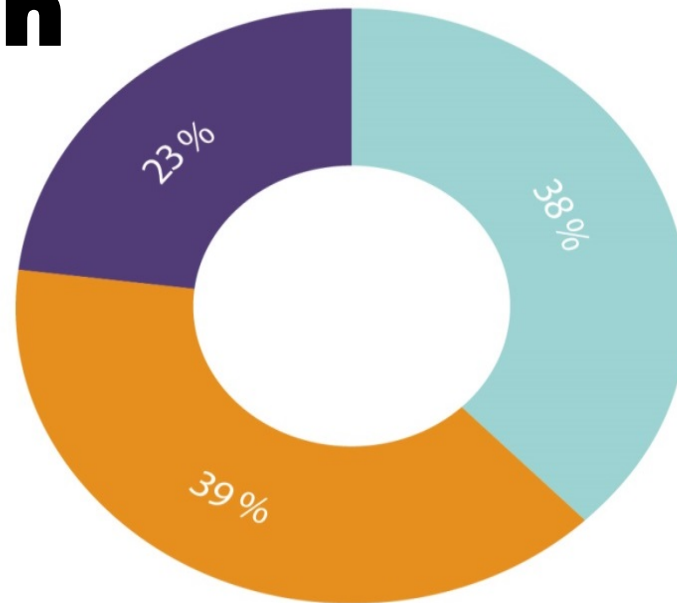


EUROPEAN UNION  
European Regional  
Development Fund



# Energy consumption in Sweden, 2014

## 368 TWh



Industry



Residential  
and services



Domestic  
transport

# Background

- Energy audit program for SME 2010-2014
- Financed and coordinated by Swedish Energy Agency
- 800 companies audited by energy consultants
- Types of companies (industry 50%, real estate / buildings 17%, agriculture 11%, trade / business 10%)

# Results from program 2010-2014

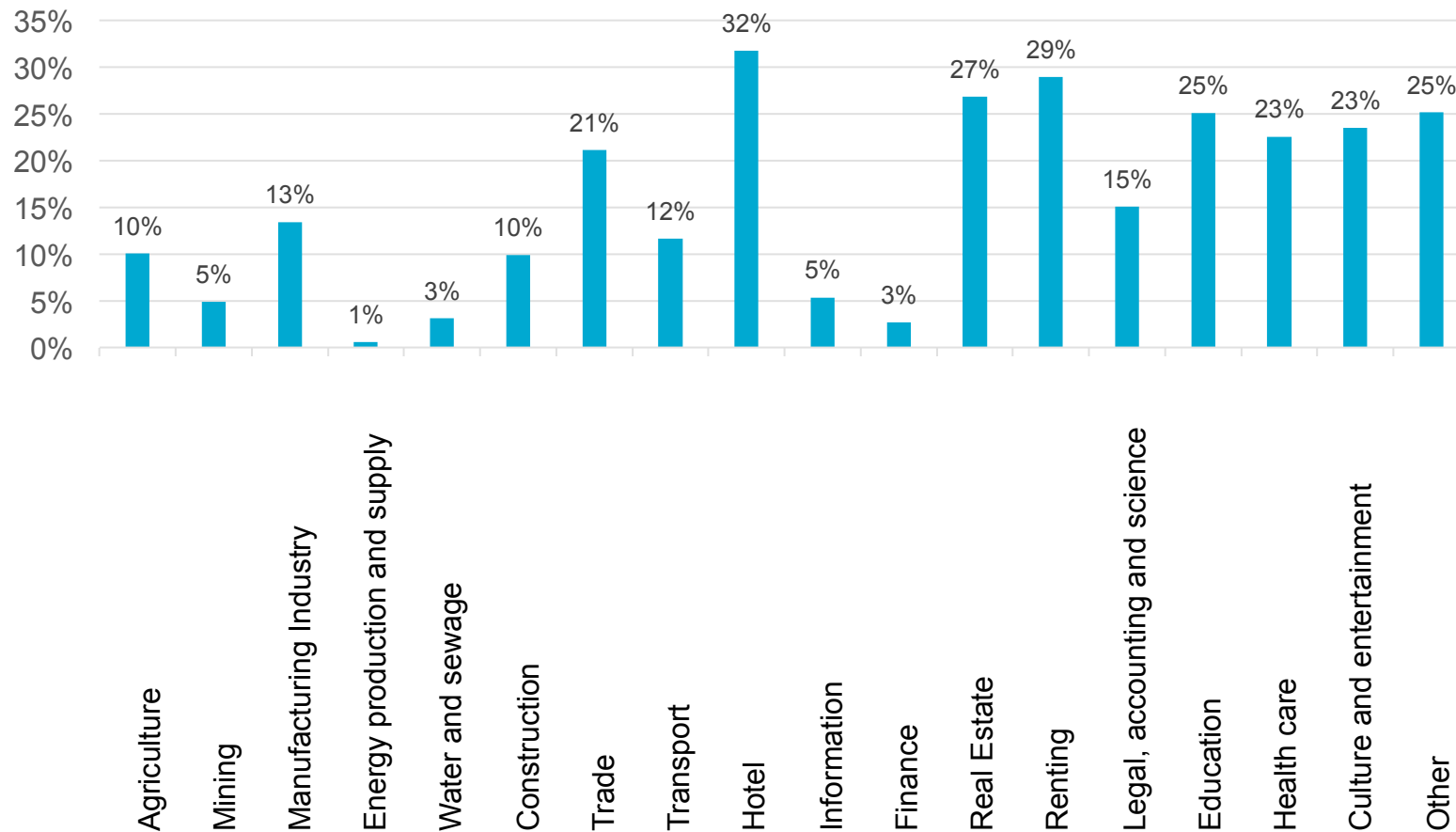
- Savings 5-10 % of total energy use
- Small companies save more (in percentage of total energy use) than bigger ones. Often measures are in surrounding systems, such as lighting and ventilation.
- Total savings often greater, compared to what is reported in final report. The audits make a difference!
- However, more can be done!

# Results from program 2010-2014

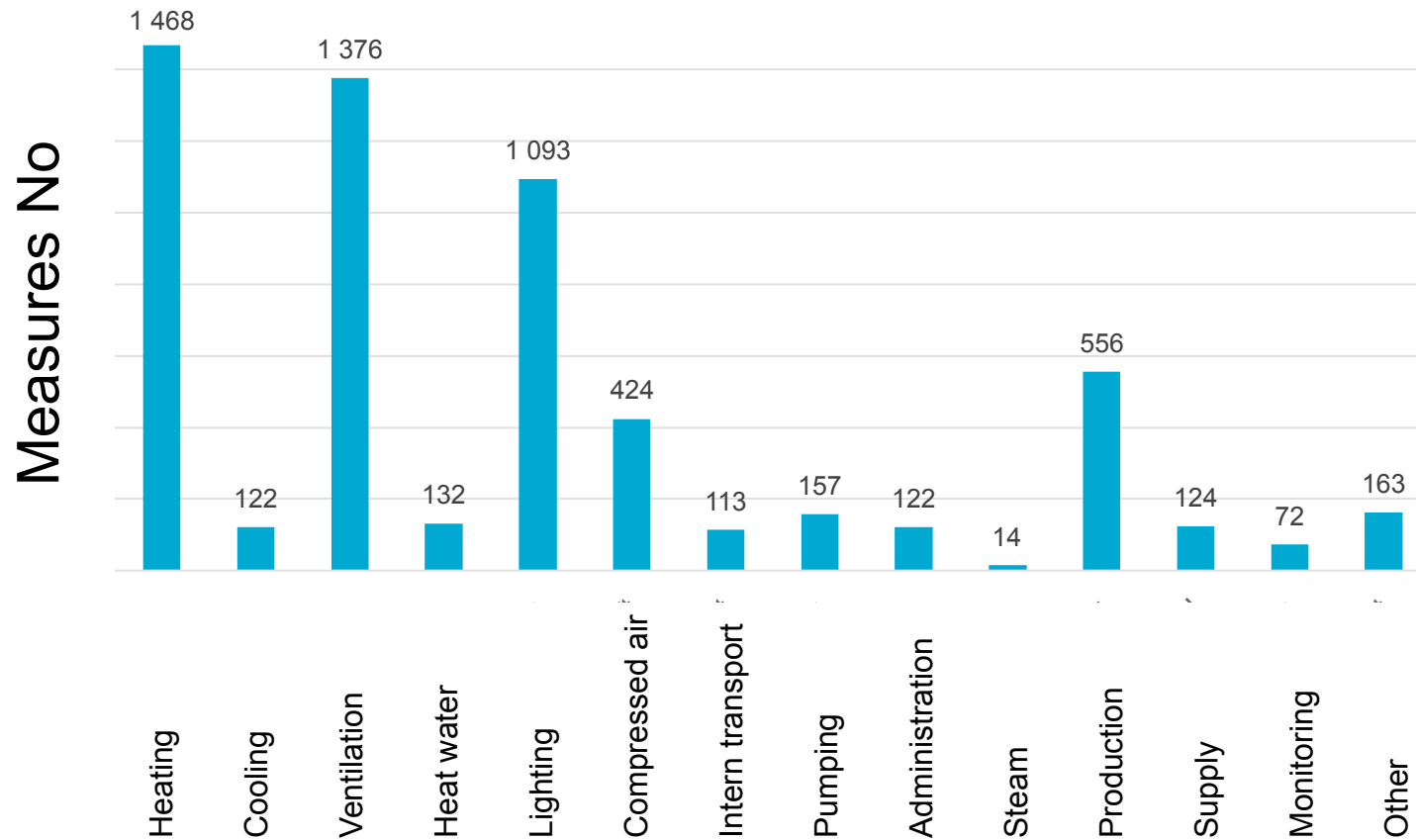
- Total energy consumption in participating companies:  
5 374 558 MWh/yr
- Total implementation cost for all 5 936 measures:  
145 342 000 €
- Reduced energy consumption if all measures are  
implemented: 588 585 MWh/yr
- Reduced energy consumption if all measures are  
implemented, % of total energy consumption: 11%



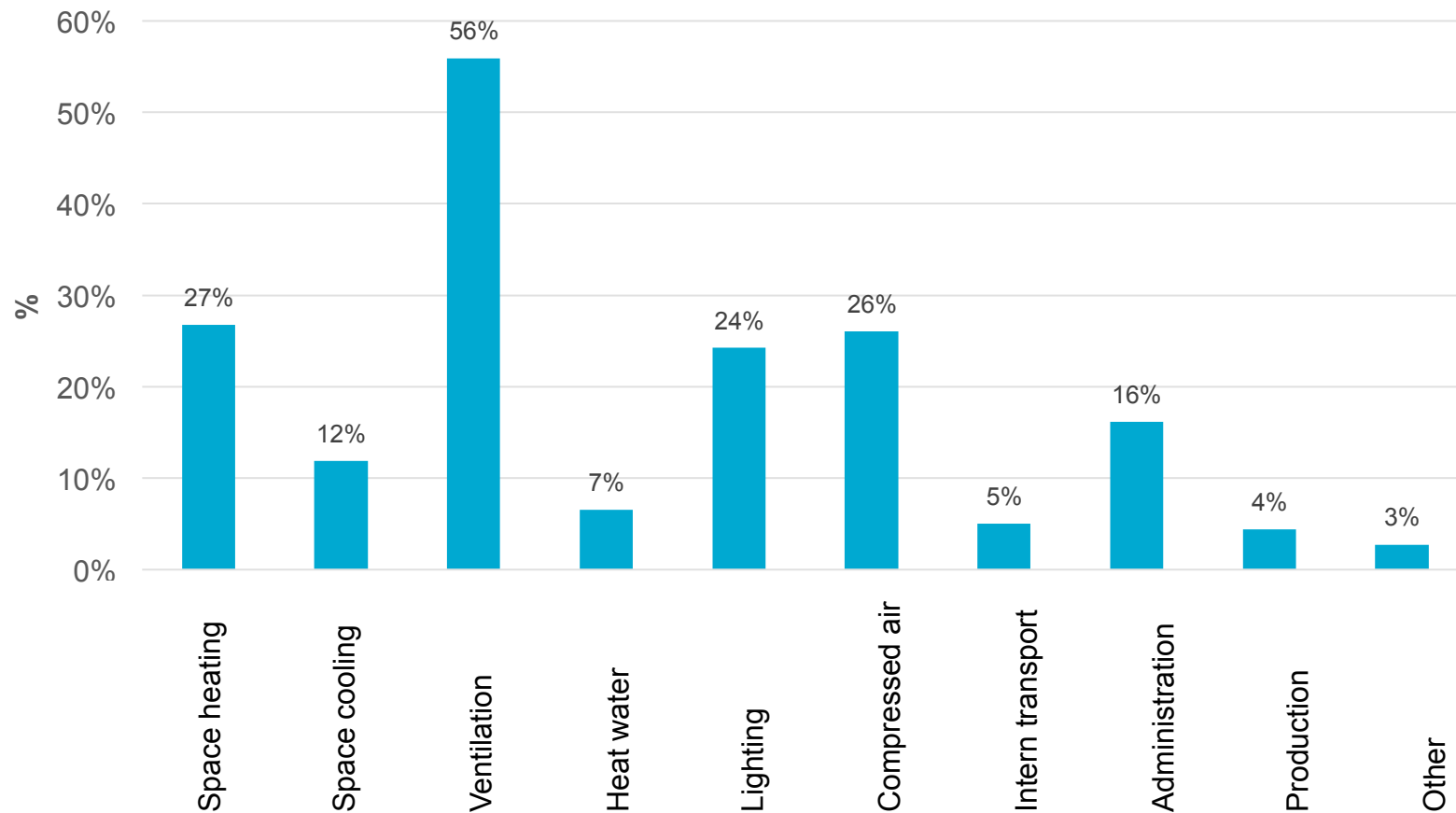
# Potential for energy savings in different types of companies



# Measures found in energy audits, 5936 totally



# Potential for energy savings per process





# New Energy Audit Program 2015-2020

- Coordinated by Swedish Energy Agency
- Maximum financial support 5000 €.
- Minimum 50% contribution from the company

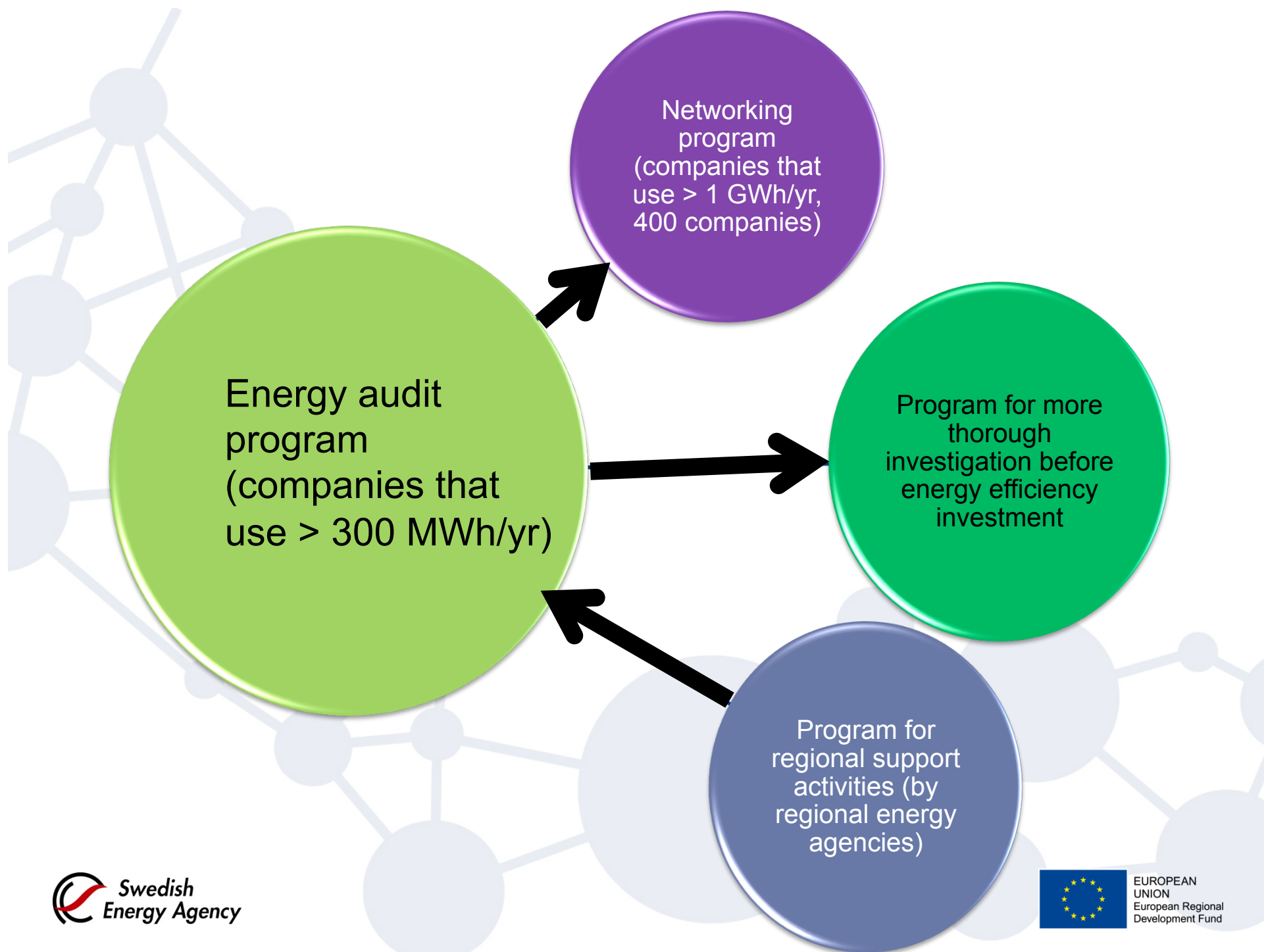
50% company  
contribution

25% (max 2500 €)  
European Regional  
Development Fund

25% (max 2500 €)  
Swedish Energy  
Agency

# The broader context

- Collaboration between the different programs
  - to get a larger effect
- The energy audits makes the foundation and start for the company.
- A broader context:
  - Program for networking
  - Program for regional support activities
  - Program for more thorough investigation before an energy efficiency investment



# Aim for the New Energy Audit Program

- Main target group: Industry
- 1190 companies (of 5300 estimated) (former program 800).
- Savings 12 % of total energy use for participating companies, (former program 5-10 %).
- Energy efficiency – to become a part of the companies regular work.
- More efficient companies (SMEs) with a potential to grow and bring the energy knowledge with

- Energy audit program

Plan

- Program for more thorough investigation before energy efficiency investment

Do

Act

Check

- Program for regional support
- Networking program

- Program for regional support
- Networking program

# Conclusions

- Higher ambitions with new programme:
  - Supporting SMEs management of energy, not financing technical investments.
  - Collaboration between different programs.
- All types of SMEs have a potential to grow, and bring the energy efficiency work and knowledge to a greater organization.

# **Thank You for Your attention!**

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