

ENERGIG  
Swedish pilot  
energy efficiency  
network program  
- establishing  
innovative services  
and products for  
improved industrial  
energy efficiency



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**Region**  
**Gävleborg**





# Background

- Research on barriers, drivers, energy audits, energy management and energy efficiency networks
- Swedish pilot project on energy efficiency networks utilizing a database for measures and energy audit software





# What barriers are reduced thanks to energy efficiency networks? Some examples

- *Information asymmetries and imperfections*
- *Lack of time*
- *Hidden cost, e.g. time to search for information*
- *Risk (thanks to energy experts and hearing of examples from other companies)*
- *Type of information, personal vivid information is always more effective*





# What driving forces are important in energy efficiency networks

Some examples

- *Companies achieve support to deploy all energy management success factors*
- *Support to establish important driving forces that companies rank high BUT do not have time to deploy*
- *Continuity and long-term view of company's EE work*



**Region  
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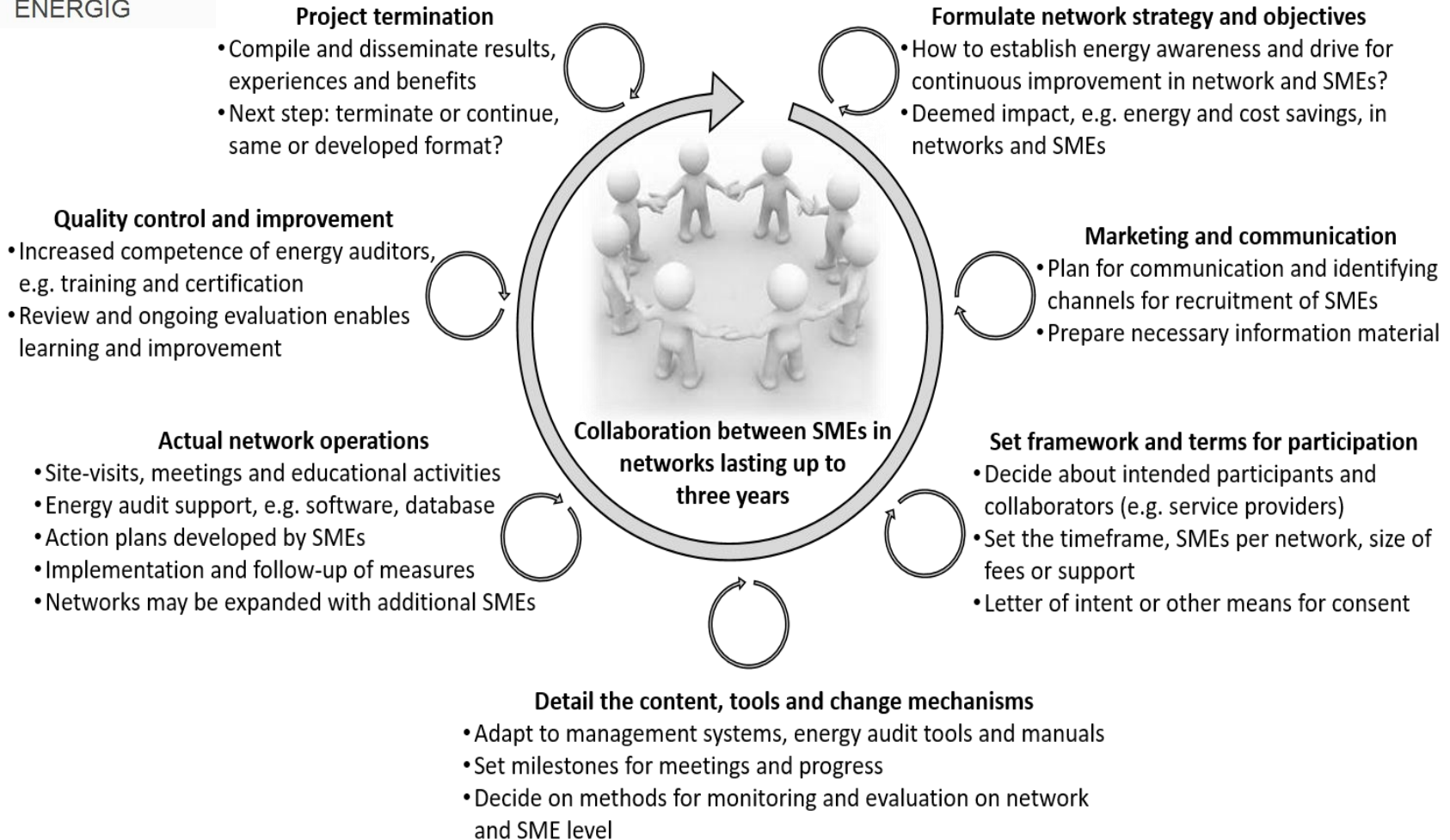
# ENERGIG

Swedish pilot energy efficiency network program  
- establishing innovative services and products for improved industrial energy efficiency

- Seven networks
- Model based on Swedish research and LEEN
- 55 participating industrial companies
- Using ICT, software and database
- Creating a regional energy end-use and energy efficiency measure database

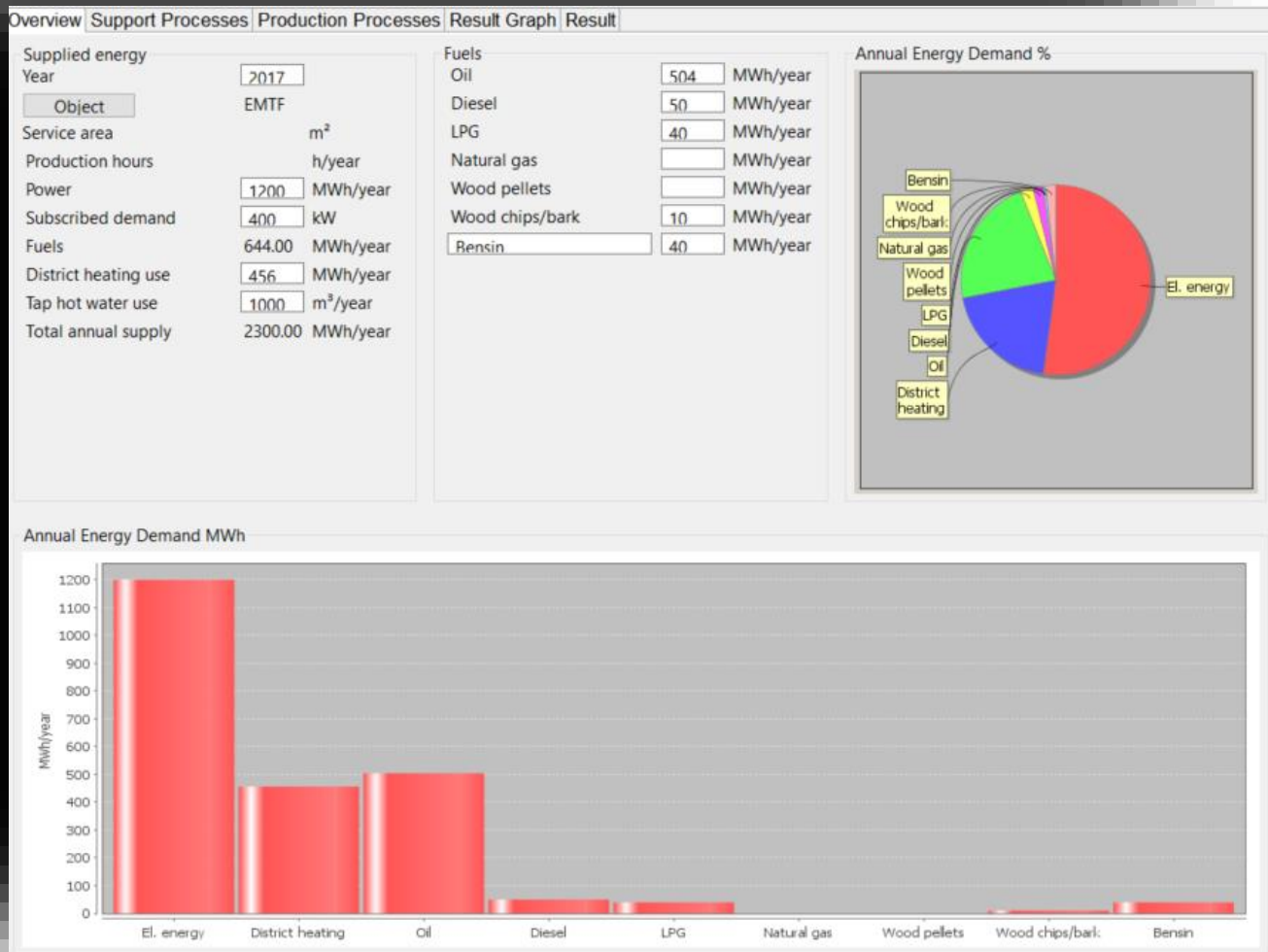


# Key logics





# Tools adopted in Swedish regional industrial energy efficiency network - Energy audit software





# Tools adopted in Swedish regional industrial energy efficiency network

-Industrial energy efficiency measure database  
+8000 real measures, 3 TWh/year of savings



Sök efter åtgärder i databasen

**Kategori**  
Välj kategori

**Underkategori**  
Välj underkategori

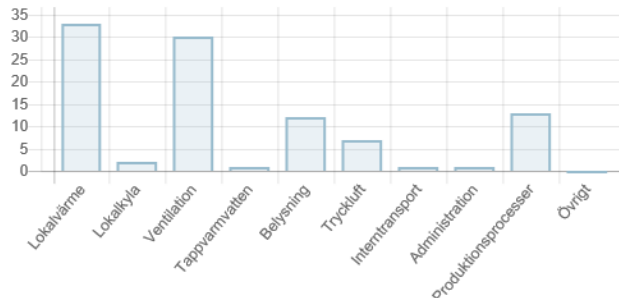
**SNI - Huvudgrupp**  
Välj huvudgrupp

**SNI - Grupp**  
Välj grupp

Sök!

Vad innebär de valda kategorierna?

Ingen kategori vald. Välj en kategori och en underkategori i sökpanelen.







## Results

- *More than 90 % energy efficiency improvements in support processes*
- *In general 16 % energy efficiency improvements*





## Major opportunities and challenges

- *Time-consuming to get industrial SMEs onboard, same experience in other countries (up to one year and one man week per company)*
- *For national network, difficulty getting experienced network coordinator*





# Results

- *Major potential to scale-up to other EU-regions*

