



ENERGY AUDIT POLICIES  
TO DRIVE ENERGY  
EFFICIENCY

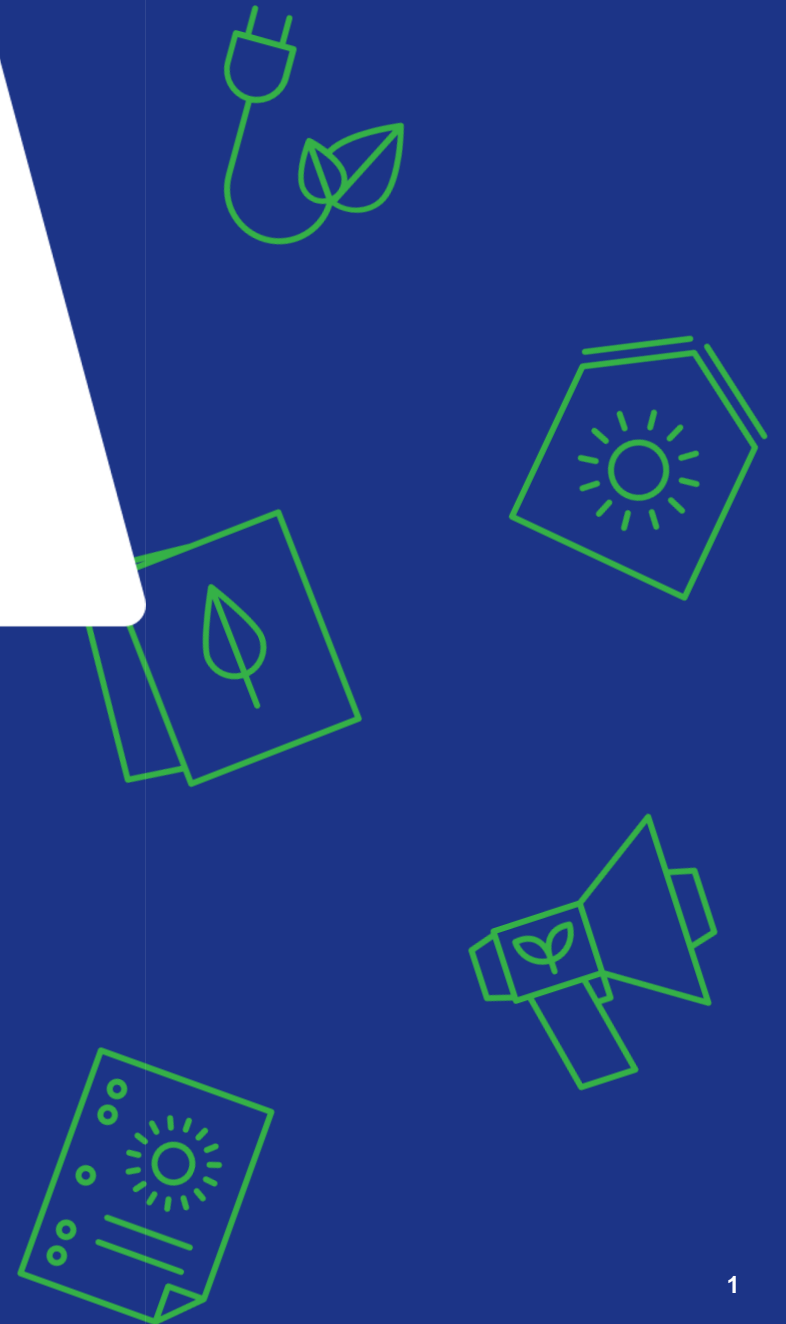
Date 13<sup>th</sup> of March 2024, venue: online

## LEAP4SME: Project Overview & Highlights

Policy Webinar SMEs and Climate Action, organized by  
KMU Forschung



This project has received funding from the EU  
H2020 research and innovation programme  
under grant agreement No 893924



# About LEAP4SME

- Improve national and local strategies to encourage SMEs to carry out energy audits and implement energy saving measures
- Overcome barriers that stand in the way of SMEs conducting energy audits.

## Duration

1<sup>st</sup> of September 2020 – 30<sup>th</sup> of August 2023

# LEAP4SME consortium



Agência para a Energia



REVOLVE

energy<sup>®</sup>  
saving  
trust



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Project Website <https://leap4sme.eu/>

LEAP4SME

# ENERGY AUDIT POLICIES TO DRIVE ENERGY EFFICIENCY

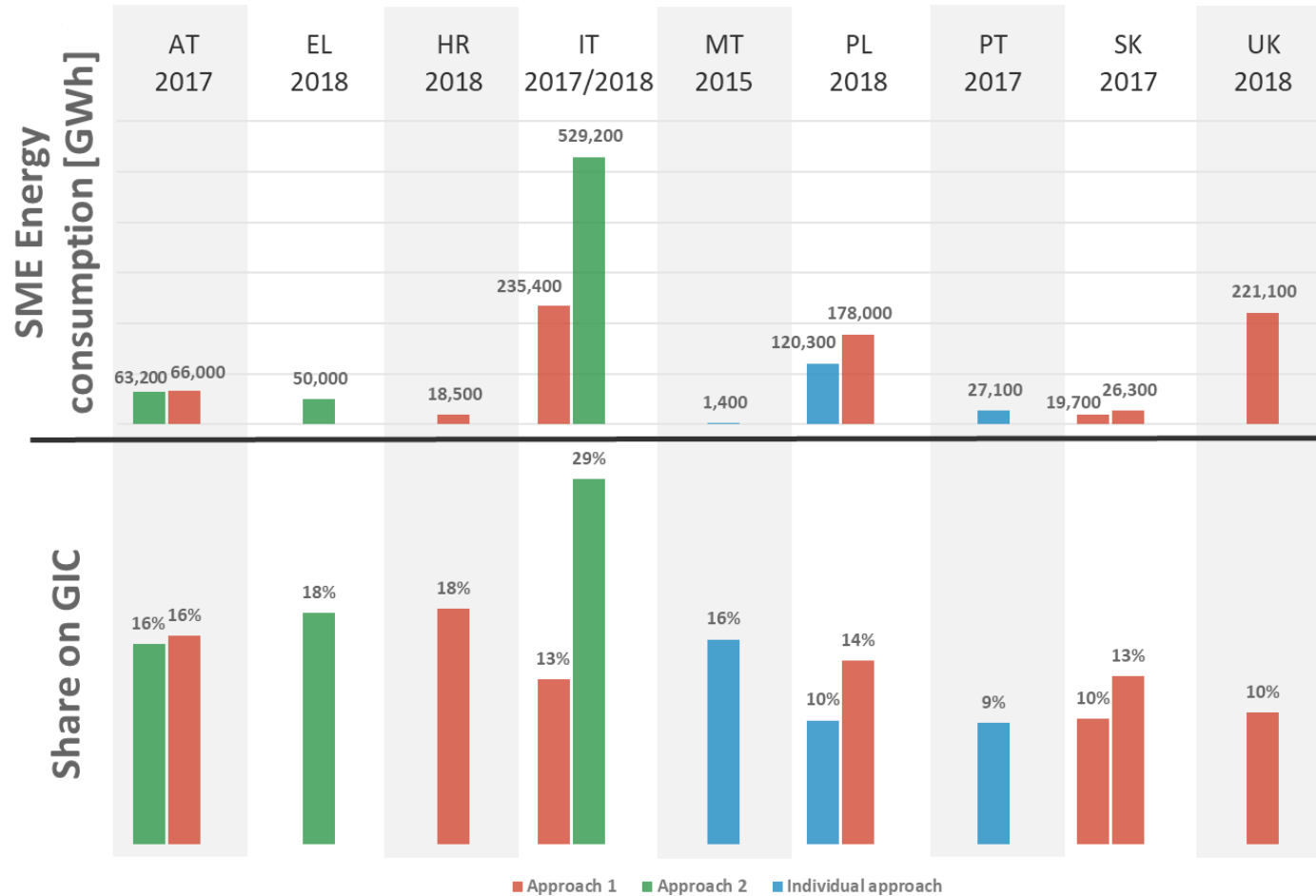
Discover the project



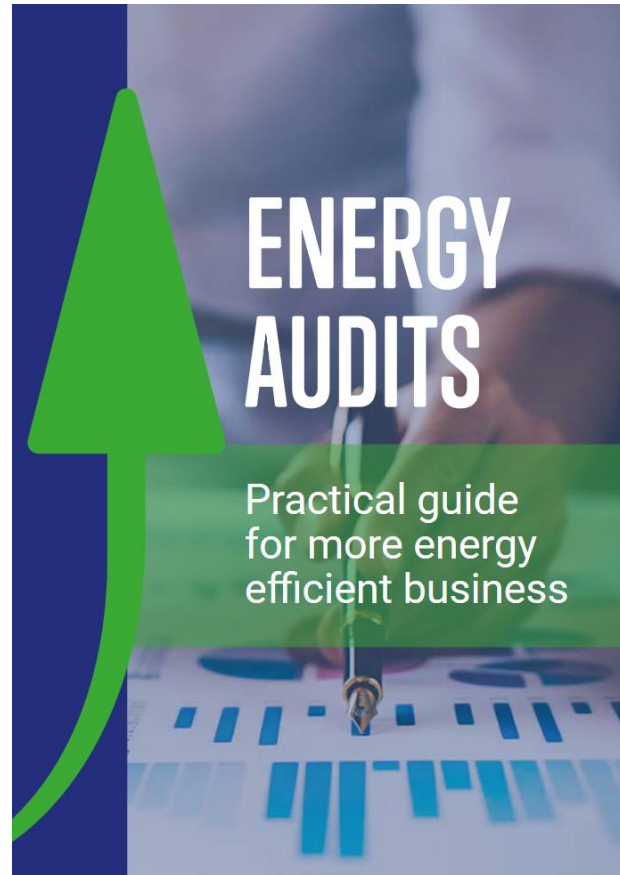
# LEAP4SME Work Packages

- WP 1: Project Management
- WP 2: SMEs Mapping, Analysis, Barriers
- WP 3: SME characterization through stakeholder engagement
- WP 4: Framework for the implementation of energy audit programmes
- WP 5: Training and Capacity Building
- WP 6: Analysis of further benefits
- WP 7: Communication and Dissemination

# 2 Methods: estimate energy consumption of SMEs



# WP 5 – Audit Guideline developed



[https://leap4sme.eu/wp-content/uploads/2023/03/LEAP4SME\\_Energy\\_Audits\\_Booklet\\_web\\_v2.pdf](https://leap4sme.eu/wp-content/uploads/2023/03/LEAP4SME_Energy_Audits_Booklet_web_v2.pdf)

## HOW DOES AN ENERGY AUDIT WORK?

The European standard EN 16247-1 (2012) provides the framework for efficient energy audits and is acknowledged as the baseline for information on them.

**The goal of an energy audit is to identify energy flows and the potential for energy efficiency improvements. The next step is to assign a monetary value to various measures through investment and economic efficiency studies, so that companies can quickly see which investments pay off over time.**

The usual energy audit process is comprised of the following steps:





# WP 5 – Trainings

- also in cooperation with klimaaktiv

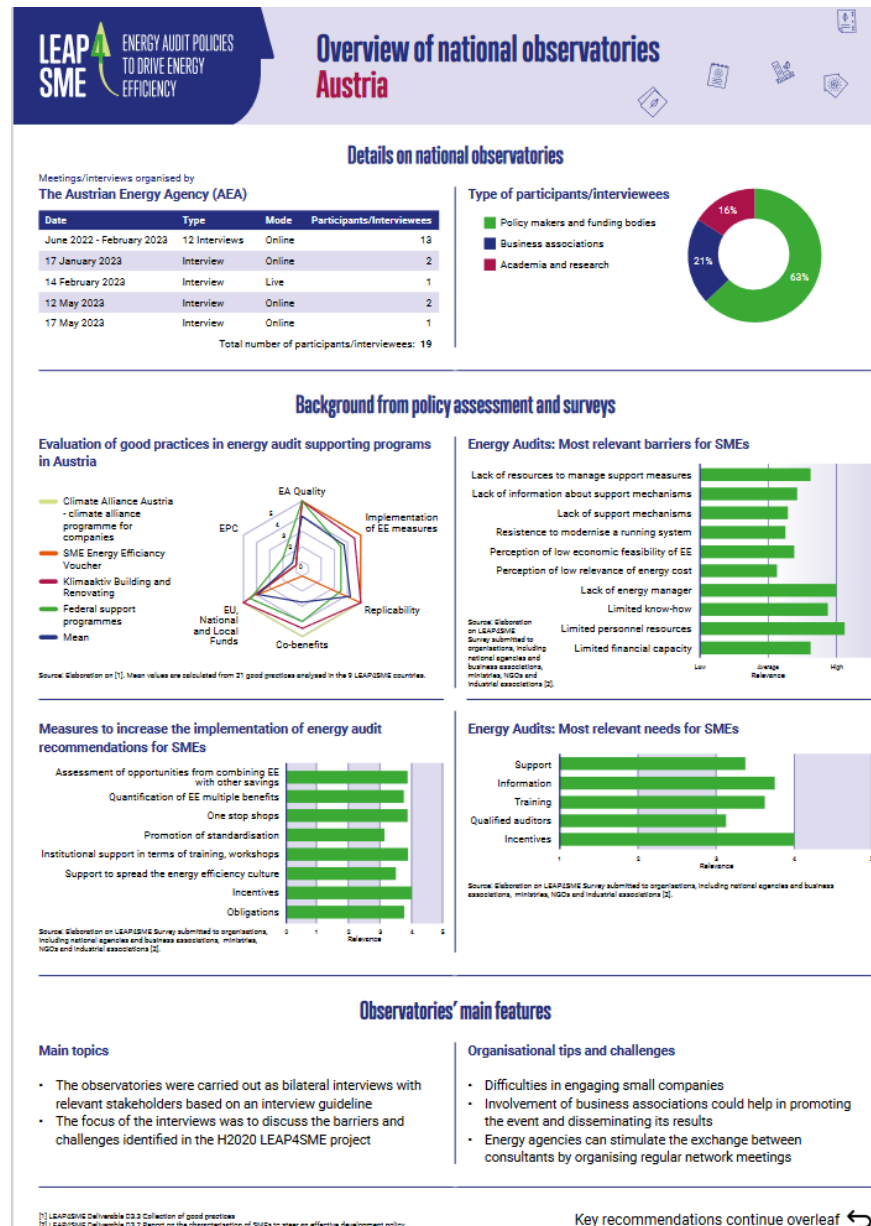
## klimaaktiv



Survey: What are the best instruments to address small businesses (less than 10 employees)?



# LEAP4SME Factsheets



<https://leap4sme.eu/results/publications/>

# LEAP4SME Factsheets

- **Energy Management System (EnMS):** Implementing energy and environmental management systems in SMEs is more effective than conducting an energy audit
- Including EnMS in the requirements for contracts or public tenders could push their implementation
- **Regulation:** Energy audits should be mandatory for energy intensive medium-sized enterprises; on the other hand, obligated companies would no longer be eligible for funding
- **Energy efficiency support:** Existing subsidies could be redesigned giving support to companies classified as green, according to a future taxonomy regulation

# LEAP4SME Factsheets

- **Simplification:** funding programs for smaller companies could be tailored also taking into account the amount of the claimed expense (providing a simplified procedure for lower expenses)
- **Awareness raising and know-how:** Energy efficiency and renewable energies in the education system, especially apprenticeship training.
- Factsheets on top ten energy efficiency measures for the most important sectors of smaller companies should be created and distributed directly to them.
- **Resource audit:** There is a trend towards no longer seeing the energy aspect separately, but also in the context of greenhouse gas balances, decarbonisation and circular economy; this would require requalification of energy auditors.

**Petra Lackner**

petra.lackner@energyagency.at

**Gabriele Brandl**

gabriele.brandl@energyagency.at



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