

**LEAP
SME**



**ENERGY AUDIT POLICIES
TO DRIVE ENERGY
EFFICIENCY**

LEAP4SME and the implementation of energy saving measures from energy audits in Italy

E. Biele, C. Martini, F.A.Tocchetti, M. Salvio

Concerted Action EED: Working Group 8.1, Session 3

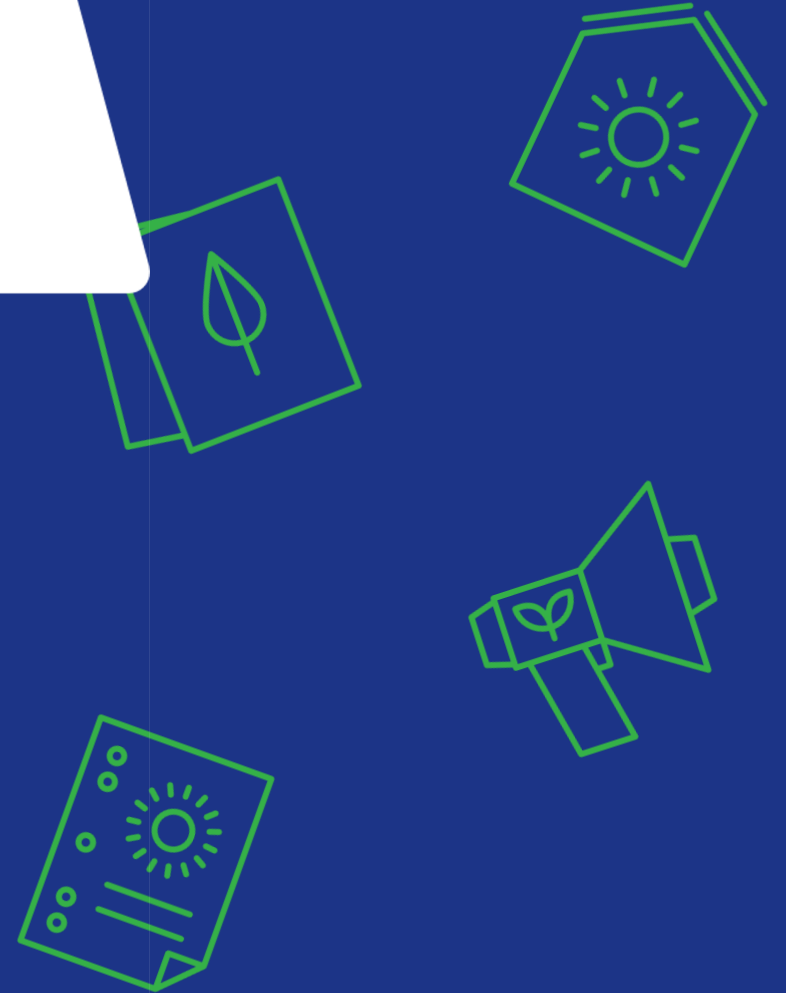
24th of March 2021



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Italian National Agency for New Technologies,
Energy and Sustainable Economic Development



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Energy Audit policies to drive Energy Efficiency

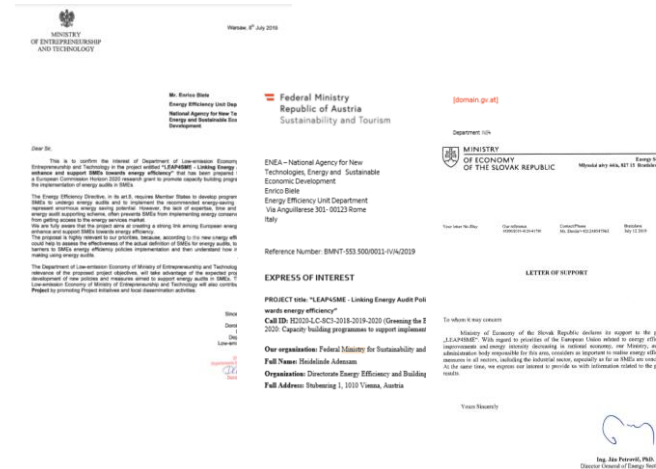
Main goals and Consortium

- **Mapping and understanding** the complex context of national and local support to SMEs
- **Proposing effective and realistic solutions** to policy makers and policy implementers in terms of policy schemes, cross-cutting policy solutions embracing both energy and non-energy benefits, policy recommendations
- **Contributing**, through LEAP4SME research, analysis, and stakeholders involvement, to help the Institutions finding solutions to fill the gap of data
- **Knowledge sharing** (successes, barriers and failures) on national policies



LEAP4SME is supported by:

- 2 International associations of national Energy Agencies (EnR and Medener)
- 9 Ministries
- 4 Further National Agencies
- 18 National SMEs associations, Chambers of Commerce, Regional and local Authorities



www.leap4sme.eu



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Areas of interest WG 8.1	LEAP4SME activities
Barriers (systems, technical, policy, legal) to collecting implemented measures data and how they can be overcome	Yes
How useable is the data (how well do people complete the data fields, is it robust, mistakes etc)	Partially
Customer facing information for auditors or auditees and possible improvements	Partially
How national audit programmes use the data	Yes
How audits link to incentives and how successful are these in incentivising implementation	Yes

- Barriers and solutions for policy implementation
- SMEs characterization
- Connecting the dots in the energy efficiency policy sector
- Energy audits in a wider context
- Opening (or just reopening) new policy-oriented research areas

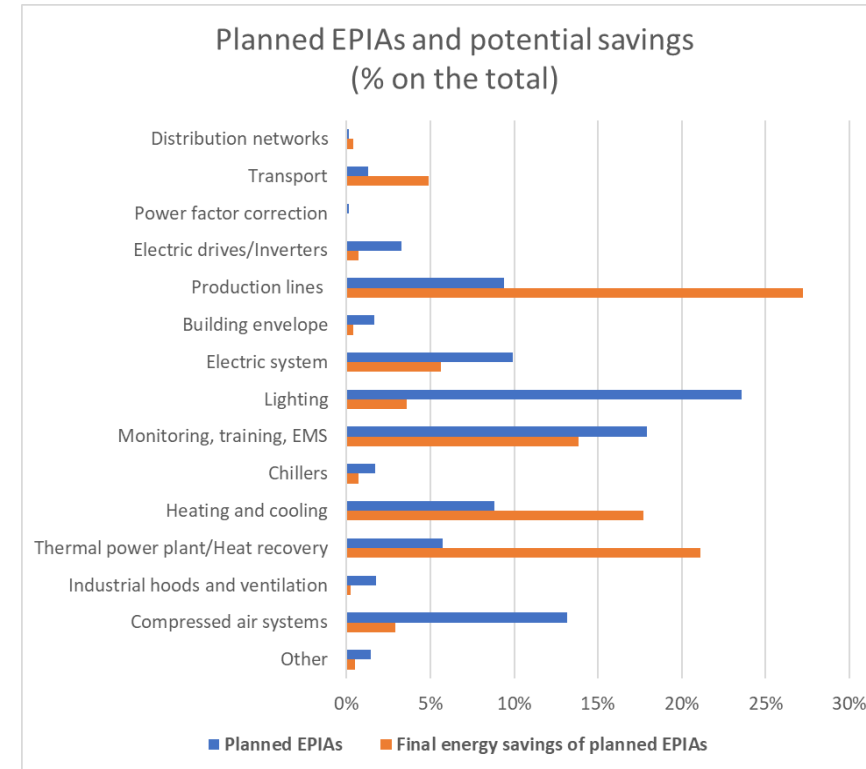
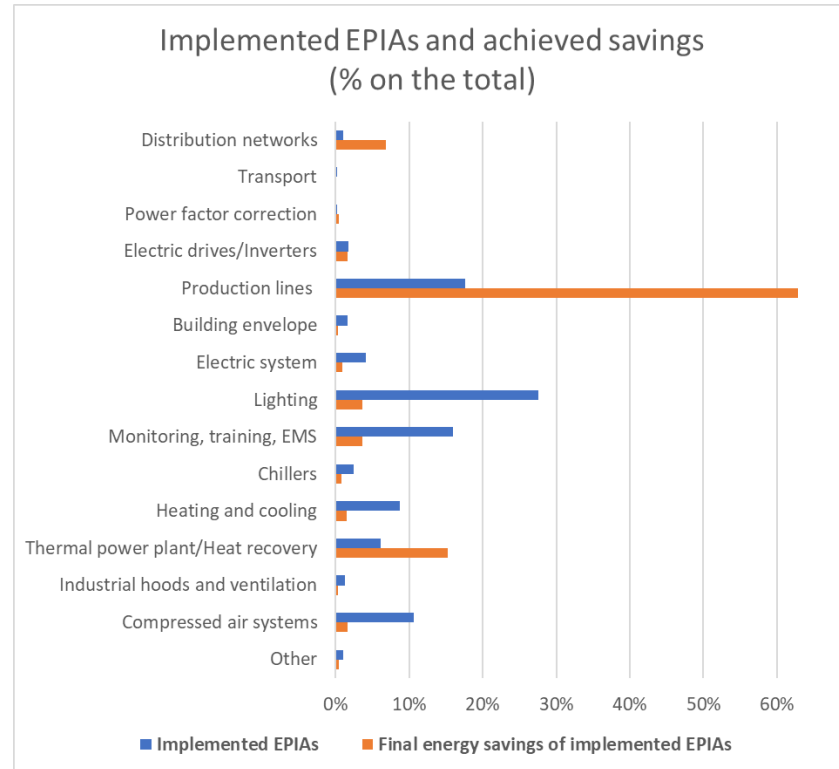
Improving energy policies in enterprises: behavioural insights and barriers	
Session: 21 st of April 3 pm - 5 pm Brussels time	<p>Organiser: LEAP4SME</p> <p>Title: "Improving energy programmes for enterprises: behavioural insights and barriers".</p> <p>LEAP4SME is a H2020 funded project made up of 9 National Energy Agencies, all belonging to the EnR network. The main aim of LEAP4SME is working to disseminate and improve energy policies for SMEs in Europe.</p> <p>Background and objectives: behavioural aspects and issues related to energy efficiency in enterprises appear at present to be less investigated than the residential sector. Moreover, difficulties in quantifying the effects of behavioural changes in terms of saved energy make sometimes these benefits not properly taken into account.</p> <p>In developing new schemes, or refining existing ones, it appears to the Consortium important to open a debate on the topic.</p> <p>The idea is to bring in the same session experts from Universities/ reputed Research Institutes and National Energy Agencies and open a constructive debate on the topic; a snapshot on the state of the art of energy audit/efficiency policies and programmes for SMEs in 9 European area Countries will be provided during the session.</p>
Main presenters	Speakers from National Energy Agencies and Universities (background in behavioural energy issues).



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https://c2e2.unepdtu.org/kms_object/behave-2020-2021-programme-overview/

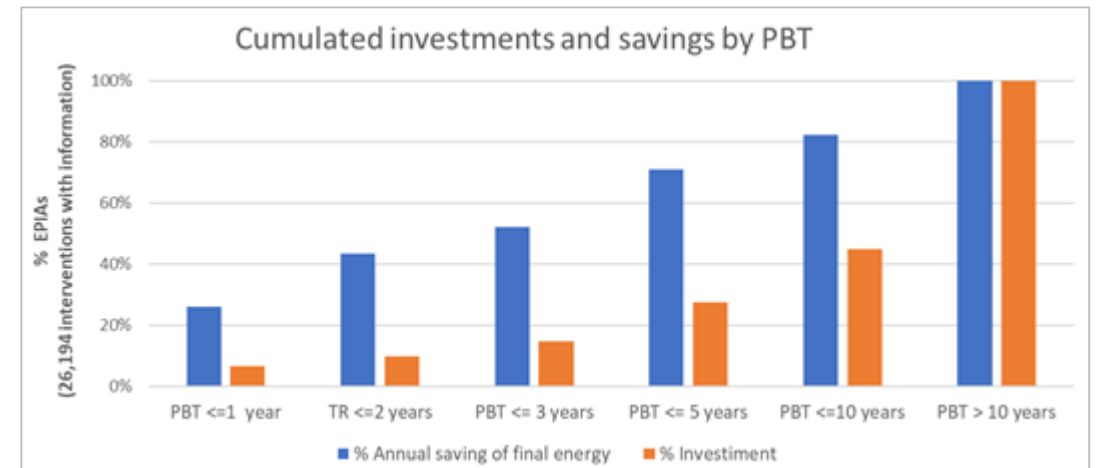
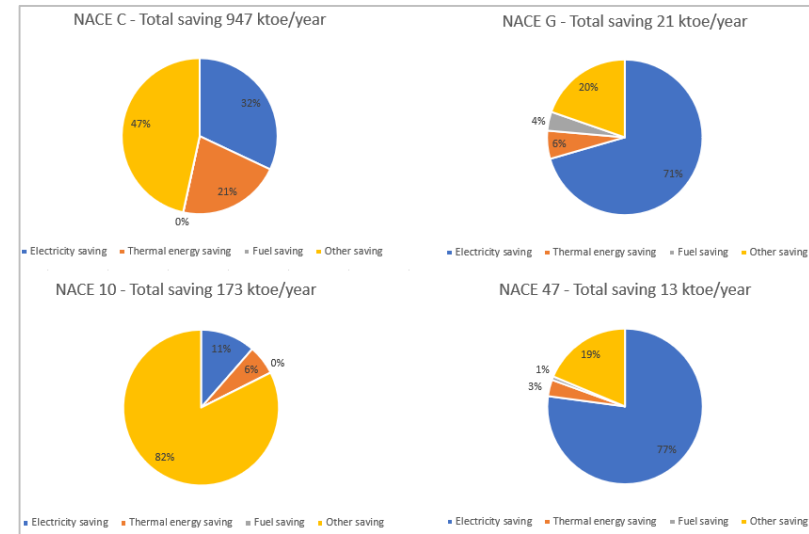
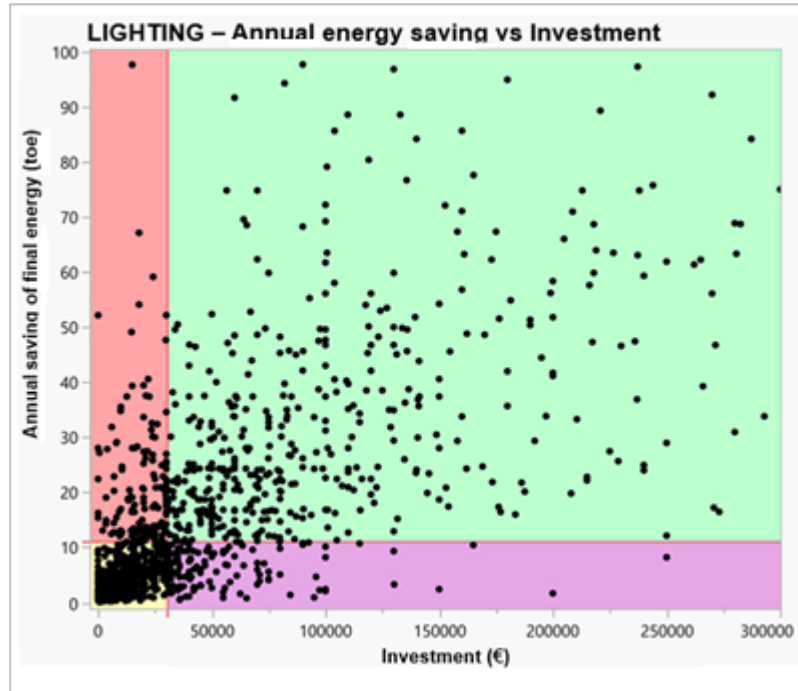
Experiences from Italy



- New webportal deployed for the second obligation period- <https://audit102.enea.it/>
- Aims: Compliance + + a handy tool for data extraction/management to be used in policy support and benchmarking
- 7,513 implemented EPIAs saved 475 ktoe/year of final energy and 193 ktoe/year of primary energy (intervention areas: Cogeneration/trigeneration and Production from renewable energy sources)
- 31,261 planned EPIAs could potentially save 1.69 Mtoe/year of final energy and 0.86 Mtoe/year of primary energy



Experiences from Italy



- For 4 digit NACE level, cost effectiveness is computed in Euro per toe, as Investment/saving (achieved or potential)
- Intervention areas can be compared: in the red area EPIAs with highest cost effectiveness
- EPIAs information can be obtained for ISO 50001 certified enterprises or energy intensive SMEs



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Thanks for your attention!

ENEA DUEE-SPS-ESE

Casaccia Research Centre

Via Anguillarese 301, 00123 Rome

enrico.biele@enea.it, chiara.martini@enea.it, marcello.salvio@enea.it

federicoalberto.tocchetti@enea.it



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