





Boosting the uptake of energy efficiency and renewable energy measures in SMEs across Europe

ACTIVATING ENERGY EFFICIENCY IN SMES THROUGH LIFELONG LEARNING PROGRAMS

Ec. Stefan CIRSTEA, PhD Associate Professor - Technical University of Cluj-Napoca, Romania



A holistic framework for Empowering SME's capacity to increase their energy efficiency (SMEmPower Efficiency) (Grant Agreement no. 847132/2019)

https://smempower.com



PROJECT TITLE:

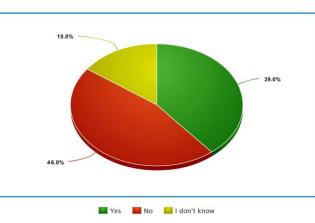
A holistic framework for Empowering SME's capacity to increase their energy efficiency (SMEmPower Efficiency)

TIME: 36 months (1st of September 2019-31 of August 2022)

PROJECT VALUE: 1 998 750 €



CONTEXT

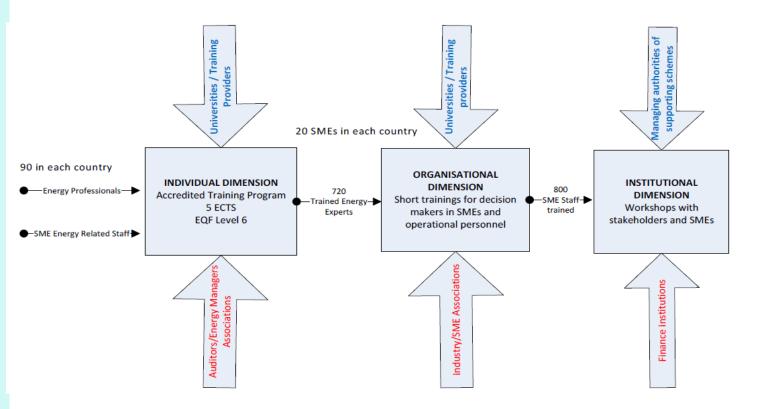




THE EXISTENCE OF AN ENERGY EFFICIENCY STRATEGY

Pay-back period of investments is too long					51%
MAIN BARRIERS THAT HINDER/LIMIT INVESTMENTS IN ENERGY EFFICIENCY	Difficulties in accessing financing/grants			45%	
	Organisational bureaucratic procedures		28%		
	Lack of budget for energy efficiency solutions		27%		
	Lack of awareness or know-how	22%			





CONCEPT

utclu

U

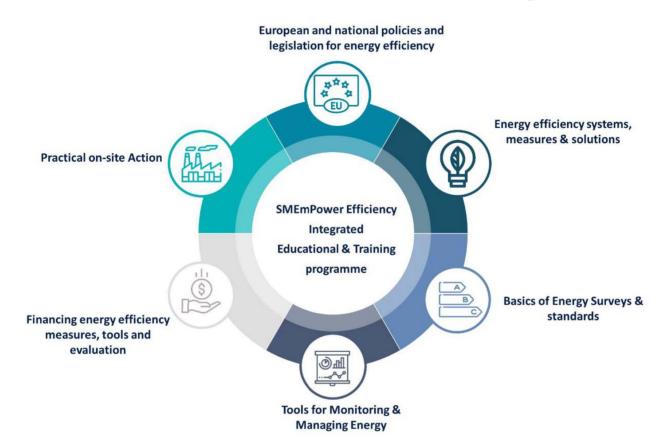
Φ

t

 \subseteq

Φ





E&T PROGRAM



SHORT TRAININGS

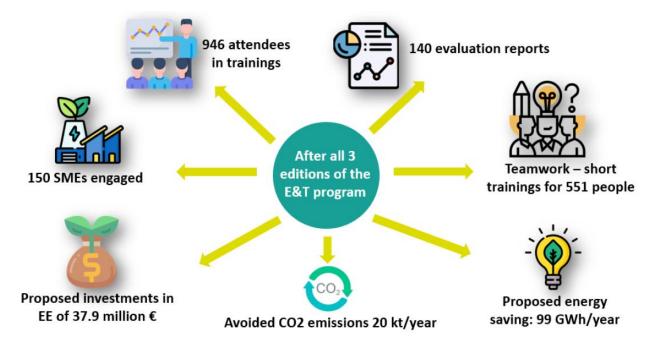
The energetic potential of European SMEs

Funding opportunities, national and international grants

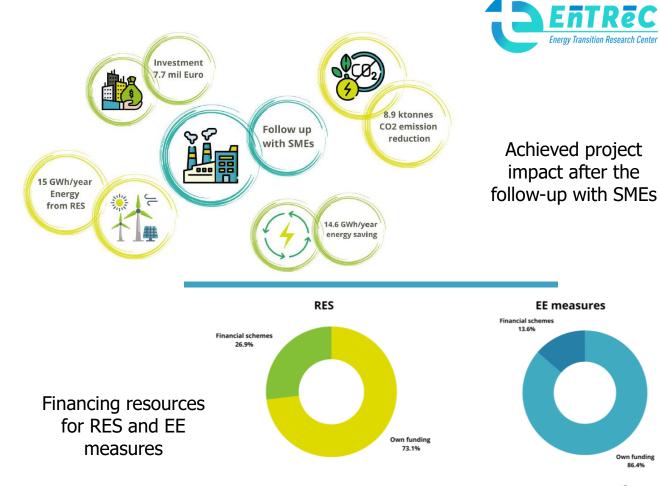
SMEmPower Efficiency Education and Training program



RESULTS & IMPACT



RESULTS & IMPACT





- Enhancing the importance of lifelong learning programs for energy efficiency
- Continuous development of lifelong learning funding schemes

FINAL REMARKS



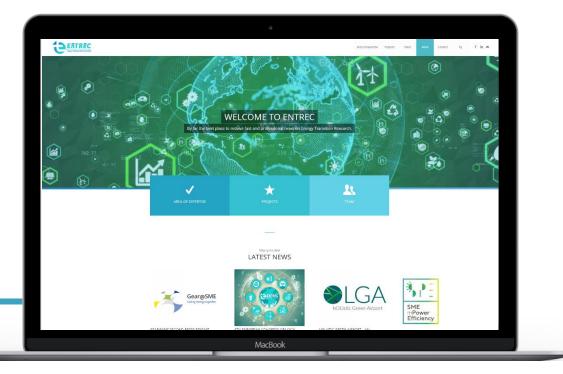
National Level

- Design of national incentives to support energy managers in SMEs
- Development of a national/regional community of practices for energy professional
- Funding of energy efficiency actions in SMEs



- Integration of energy management in the core business of the company
- Staff participation in lifelong learning programs
- Permanent cooperation with universities









Stefan CÎRSTEA

stefan.cirstea@enm.utcluj.ro



How can the energy manager facilitate the effort for promoting energy efficiency in SMEs?

How the role of energy manager will be strengthened in SMEs?

What incentives and policies could be implemented for promoting energy efficiency in SMEs?