



National schemes for energy efficiency in SMEs



DEESME has received funding from the European Union's Horizon 2020 Research and innovation programme under grant agreement No 892235.

Guiding SMEs and national authorities through the energy transition by taking profit of multiple benefits and energy management approaches



DEESME team

Peer learning workshop (19/01/2022)

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Meet the DEESME partners



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SMEs and energy efficiency



DEESME objectives



Enabling companies to manage the energy transition by taking profit of multiple benefits and energy management approaches.



Supporting the development and the implementation of EU policies on energy efficiency in the framework of article 8 of the EED beyond the project by providing national authorities with guidelines proposals and recommendations on how to strengthen the national schemes.





Enhancing the adoption of the DEESME approach by National Authorities beyond the project timeline through the implementation of institutionalization activities.



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Innovative aspects

Strengths

- A **two-fold approach** targeting **national authorities and SMEs**
- Focus also on **EMS** based on **ISO 50001**  
- A **solid consortium** with an effective **working plan**

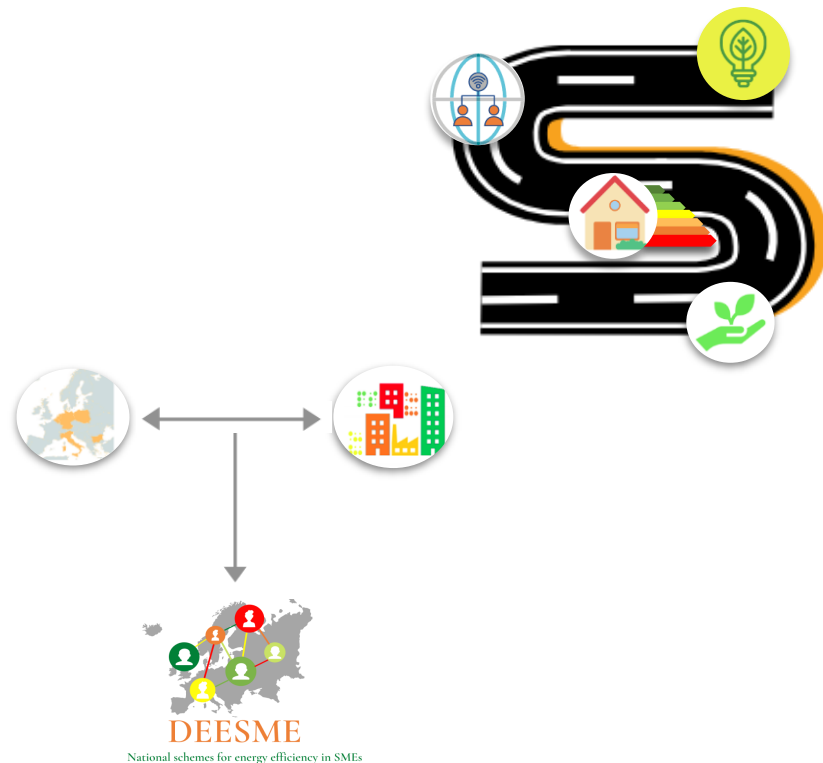
Challenges

- **Reaching out to 2500 companies** with information
- **Involving 500** (at least 400 SMEs) companies (125 per country)
- **50** companies undergoing an energy audit and **25** an EMS
- Engaging **10** national authorities out of which 5 will adopt policy solutions



Methodology

- Support NAs and companies through the energy transition and share the multiple benefits of energy efficiency;
- Guiding them through the energy efficiency campaign;
- Sharing knowledge, best practices and policies for effective energy audits and management systems.



Overview of the work plan

- **NAs and companies (SMEs)** will enhance **energy audits and management** and be supported by sharing **knowledge, best practices** and through **investments**.
- They will be enabled by using different **approaches** and by the means of a **campaign for energy efficiency**.
- The DEESME approach and **policy outcomes** will then be **institutionalized** and its key results disseminated and exploited.



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Issues for discussion:

- Stakeholders needs/barriers from different perspectives, private/public sectors (lessons learnt, issues to be faced due to the Covid) – **info available**
- Enabling factors which help the enterprises carrying out energy audits – **advice needed**
- For projects in an advanced state of completion: a brief overview of the capacity building activities that Consortiums have implemented with any training study that has probably been made, lessons learned on audits etc – **advice needed**



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Stakeholders needs/barriers – NA

Challenge overview

Eleven generalized challenges with regard to the implementation of energy audits and energy management systems based on the requirements of Article 8 of the EED were identified. These challenges were derived from a literature review, a survey, and interviews conducted with NAs and their implementing bodies in the 27 Member States (MS) of the EU. Six challenges target non-SMEs, four challenges are targeted at SMEs, and one challenge deals explicitly with NEBs across both company types.



Link for the document:

https://www.deesme.eu/wp-content/uploads/2021/07/D2.4_Generic-guideline-on-best-practise-public-version.pdf

Stakeholders needs/barriers - Companies

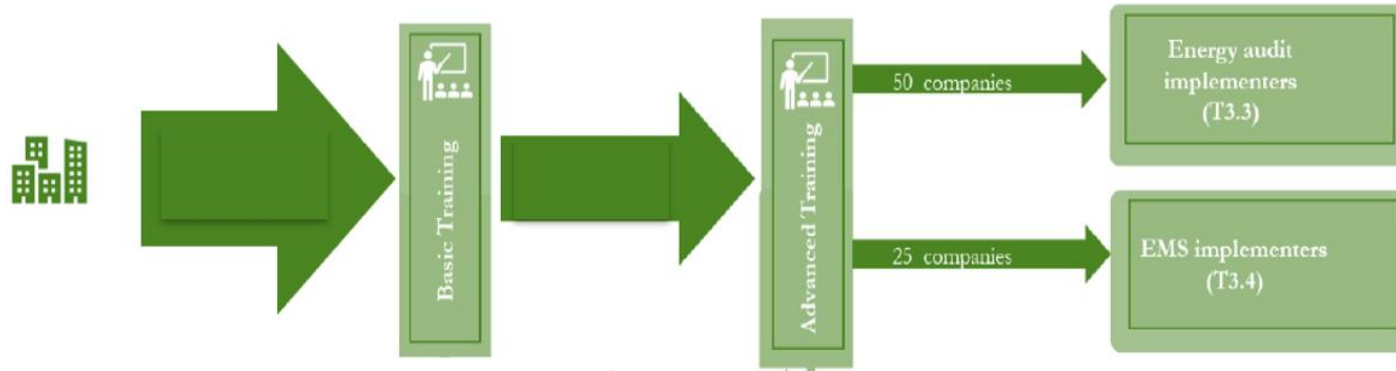
- Work with the companies has just started;
- Companies are facing challenges of COVID along with rise in energy prices;
- Partners are facing challenges linked to COVID (direct support to companies) and to related issues (priorities in companies)
- The legal framework does not explicitly target SMEs therefore they are not strongly motivated...

(additional points by partners in discussion)

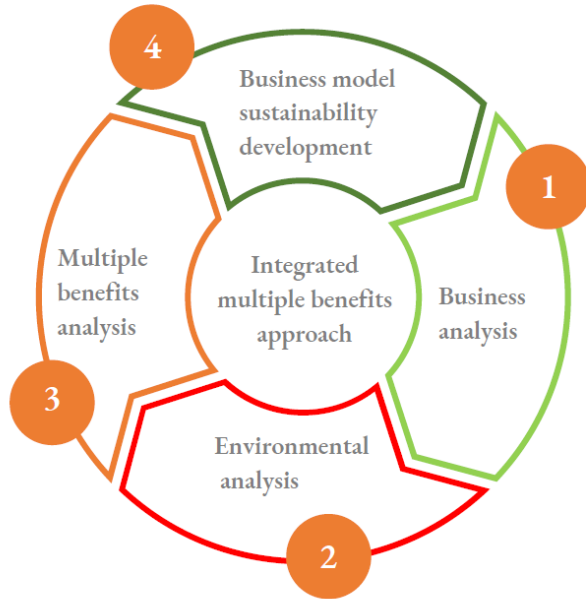


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Planned trainings



Advanced trainings (DEESME methodology)



Stage 1 - Business Analysis: demonstrates the underlying business logic and the business priorities for the creation of value and the improvement of business efficiency;

Stage 2 – Energy Analysis: reveals the opportunities for energy efficiency and reduced emissions;

Stage 3 - Multiple Benefits Analysis: recognizes and evaluates business benefits that expand the scope of energy management and relate energy efficiency decisions to business development;

Stage 3 - Business Model Advancement: that searches for opportunities for business model innovation and improvement through the development of energy efficiency.

Additional topics for discussion:

- Questions to be addressed to key actors to improve the national schemes information, access...;
- The workshops in the countries and the cooperation of projects.

Any advice is welcomed



DEESME team

Thank you for your attention

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