



Energy Transition Audits towards Decarbonization

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Executive summary

This is the second of the possible three press releases that will be delivered during the project life. Press releases are meant to play a strategic role in the communication and dissemination of EnTRAINER, although they are not due deliverables for the project. Therefore numbers and contents may vary according to the needs and target audience during the project's life.

EnTRAINER Press Release #2 – Project launching its core activities

EnTRAINER is a 36-month project funded by the EU LIFE21-CET that aims to support the energy transition and decarbonization in Europe by working with companies.

The Project stems from [SMEmPower Efficiency](#), a former successful EU H2020 project, aiming to increase energy savings for small and medium enterprises. Similarly, EnTRAINER focuses on energy-intensive industries in areas of South Europe, which are lagging in the implementation of energy audits compared to others.

EnTRAINER, implemented by eight EU partners with longstanding cooperation and experience, endeavours to enhance the conventional energy audits by introducing a comprehensive and holistic Energy Transition Audit (ETA) methodology in four South European countries, i.e. Greece, Italy, Romania, and Spain. This novel approach highlights the multiple benefits of energy efficiency and provides a detailed roadmap towards the complete decarbonization of assessed sites.

In addition, encompassing educational components, the EnTRAINER project comprehensive methodology offers two accredited courses, tailored for energy auditors and energy professionals, alongside short training courses designed for corporate personnel.

Finally, professionals and companies can benefit from the advanced web-based portal, featuring four digital open-access tools, a training platform and a knowledge hub that fosters ongoing interaction and information exchange among participants.

One year of activities

The whole consortium meets regularly, either physically or virtually, to ensure alignment and close collaboration. The consortium partners have met in person three times in 2023: in Thessaloniki in January; in Cluj-Napoca in May; and in Valencia in November. Soon up is the project's 4th consortium meeting which will be held in Rome in April 2024. Additionally, monthly teleconferences are held to ensure the smooth project continuation.

Why do we do this? Working remotely makes things agile and efficient. Yet meeting up every few months ensures better coordination, supports the consolidation of multicultural, diverse and international teams, and most of all, makes Europe and its citizens feel united for the same goal against Climate Change.

ENTRAINER ON TRACK WITH ITS SCHEDULE

In the first 12 months, EnTRAINER has put in a great deal of energy for its start-up phase, being so far on track with its targets and milestones. The following has been achieved so far:

- Research on the state of the art of energy consumption and efficiency in the industrial sector in EU and the four participant countries;
- Analysis and design of the novel ETA methodology;



- Definition of a decarbonization roadmap which clearly outlines which steps companies should undertake to achieve net zero emissions;
- Energy scans, and energy surveys for the selection of companies to implement the ETA;
- Design and accreditation of two training courses.

Soon the results will be available on the dedicated [Result](#) section of the EnTRAINER website.

Currently, the consortium partners are reaching out to the private sector to select companies and sites to implement the energy scans and ETAs. EnTRAINER aims to perform the energy scans to at least 40 industries in the four partner countries and deliver short training to their staff dedicated to the results of the energy scans.

INTRODUCING THE ENTRAINER TRAINING COURSES

From September 2023 EnTRAINER laid the grounds for the two editions of the training courses that will begin in 2024.

Two different types of training courses are tailored to the needs identified in the industries in the four project countries, specifically:

- One accredited training course for energy professionals; and
- One accredited training course for energy auditors.

Furthermore, short training courses will be offered for company staff, also including the top decision-makers.

As an outcome of the training sessions, the recipients will enhance the capacity building in energy efficiency and decarbonization for people working with and in the industrial sector. The attendees will acquire the technical and economic background which will allow them to benefit both either as energy auditors or as energy professionals.

The preparation of the study programs for the groups of trainees – energy professionals, specialised energy auditors and staff members of the participating companies – has involved the top professional experts and academic partners. The course contents, with a different matrix and level of study, will be based on:

- the European Qualification Framework (EQF) Level and European Credit Transfer and Accumulation System (ECTS) Credits;
- a Pan-European level of training, since learning unit contents are common for all partner countries;
- a specialised handbook covering all thematic units, the necessary theoretical background, working examples, tutorials, etc, and available on the web portal.

The training sessions will be offered remotely, using a project-dedicated platform. They consist of a combination of lectures, tutorials and case studies while favouring participant interaction.



It is expected that overall 880 attendees will be upskilled across Europe.

To know more at a national level:

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EnTRAINER references



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EnTRAINER partners



POWER SYSTEMS LABORATORY
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