




NEWSLETTER #3 – December 2021

LATEST NEWS

Last September **SME mPower Efficiency** celebrated  years since the project start and it is now in its final 3rd year!
There are still plenty of initiatives to join and opportunities to benefit from, such as the training courses, the open energy tools, and more.
The training courses and tools are entirely funded by the H2020 Programme, so no costs for participants and users. **Find out more below.**

- #1

SME mPower NEWS #1 - SME mPower Efficiency actively participated at the **EUSEW 2021**, in an interactive session with its **six H2020 sister projects** innoveas, E2DRIVER, DEESME, IC-CEE, Speedier and Triple-A.
Find the video and the material from the session free to view and download [here](#).
- #2

SME mPower NEWS #2 - The **second edition of the training course** of the SME mPower Efficiency Education and Training (E&T) Programme is up and running. Find more details about the training courses in the eight partner countries in the below **FOCUS** section.
- #3

SME mPower NEWS #3 - Following the feedback from the first edition of the E&T Programme, a new **Program Design** with an updated description of the whole design and the implementation process, and an updated **Training Handbook** presenting the Learning Units.
They will be soon available on the [SME mPower website](#).
- #4

SME mPower NEWS #4 - The SME mPower Efficiency **Monitoring & Targeting (M&T) tool** and **Monitoring and Verification (M&V) tool for energy analytics** are now available and free to use to all SMEs and users [online](#) and [offline](#). The tools allow SMEs to undergo energy audits and increase their energy efficiency through effective implementations, measured and verified.
An online guide to use the M&T and M&V Tools guides is also available [here](#).
- #5

SME mPower NEWS #5 - The second round of **Practical Action in Pilot Sites (SMEs)** is ongoing, while the first round has been completed within the first edition of the SME mPower training course. Find more about the results of the selected pilot sites in the eight EU participant countries in the [Site Evaluation Reports](#), in the [Results](#) section of the SME mPower Efficiency website.



FOCUS

The second edition of the **training course of the E&T Programme** has almost been completed in all the eight EU participant countries.
Find below the main highlights from the second edition and the information to join the upcoming **Third Edition**.
The training cost is **open** and free of charge for participants, as it is **entirely funded by the H2020 Programme**.



CYPRUS

Μεταπτυχιακό μάθημα «Διαχειριστών Ενέργειας»



- » **Start/end date:** June / July 2021 (training course); Sept 2021 (practical action)
- » **Number of participants:** 31



» **The training course:** The Cyprus Employers & Industrialists Federation (OEB) in collaboration with the University of Cyprus, proceeded with the organisation of the 2nd free Postgraduate Course for the training of “Energy Managers”, which was launched on the 5th of June 2021. All lessons were conducted virtually, every Wednesday evening 19:30–21:00 and Saturday morning 9:30–13.00. The training course was concluded with great success with the participation of 31 people. The 3rd free Postgraduate Course is now ongoing, both lectures and practical action in collaboration with the University of Cyprus. Started on the 20th of November, it is expected to be concluded by the end of January 2022. The course is delivered using a mix of face-to-face and distant learning methods. There are 35 participants in this third and last edition of the training course organised in Cyprus in the framework of SMEmPower Efficiency project. It is noted that the Energy Service of the Ministry of Energy, Commerce and Industry has approved the Postgraduate Course “Energy Managers” as a training course for energy managers that meets the provisions and requirements of the National legislation (KDP 344/2016).



» **SMEs engagement and case pilots:** In the second edition of the training course, participants from 15 SMEs have been engaged coming from various sectors such as manufacturing, construction, energy supply, accommodation and food service activities, water treatment, wholesale and retail trade and professional, scientific and technical activities. Four of these SMEs acted as pilot sites, providing necessary data to be used in the framework of the practical action. For the practical action, each of the four teams formed, delivered a high-quality technical report, which included the measures identified for improving the energy efficiency of the particular SME through techno-economic analysis.



» **Reference partner and contacts for this and the following edition:** Energy Officer of Energy and Environment Department of Cyprus Employers and Industrialists Federation (OEB), Mr. Panayiotis Kastanias, pkastanias@oeb.org.cy

GREECE

Ένεργειακή αποδοτικότητα και βιωσιμότητα σε μικρές και μεσαίες επιχειρήσεις (ΜμΕ) για ενεργειακούς διαχειριστές και ειδικούς στην ενέργεια



- » **Start/end date:** September / December 2021
- » **Number of participants:** 45



» **The training course:** The training course started on the 29th of September 2021 and is expected to be concluded by December 2021. Both the lectures and the practical action in collaboration with Greek SMEs are delivered exclusively online. This second edition of the training program is certified by the Center for Education and Lifelong Learning of the University of Western Macedonia with 5 ECTS credits. The training program was announced in several websites, gaining high attention among energy professionals, who expressed their interest to participate. A total of 45 people were selected to attend. The professional experience, the relevance of their studies and their grade scores was used as selection criteria. Those who have not been selected were prompted to apply for the third edition to follow during 2022. Finally, for all interested individuals not participating in the course, the training handbook formulated for the courses is available as an open access document on the SMEmPower portal (smempower.com).



» **SMEs engagement and case pilots:** For the second edition of the training courses, seven SMEs are engaged to act as pilot sites, providing necessary data to be used in the framework of the practical action. Specific case studies of energy efficiency improvement interventions will be formulated for each one of them to be investigated by the course participants. The engaged SMEs are active in different economic areas, from manufacturing, to service providers. Also, they are geographically dispersed across the country. Thus, a variety of different case studies will be available for analysis, which will help in formulating and providing feedback towards energy efficiency improvement in more than one SME sectors.



» **Reference partner and contacts for this and the following edition:** University of Western Macedonia (UoWM), Prof. Georgios Christoforidis, gchristoforidis@uowm.gr



GERMANY

Energieeffizienz und Energiemanagement in Unternehmen (KMU)



» Start/end date: September / November 2021

» Number of participants: 39



» **The training course:** The online distance learning course offers an easy-to-understand introduction to the field of energy efficiency and energy management. It is designed to support small and medium-sized enterprises (SMEs) in the implementation of measures that increase the energy efficiency of companies. In the latest edition, started on the 1st of September and ended on the 12th of November 2021, participants learned about various energy optimisation measures and their financing options. They gained an insight into the funding landscape in Germany and are also to be enabled to prepare energy audits. A holistic approach was used to help overcoming the challenges that arise at the stakeholder, corporate and institutional levels. The goal of the current course edition was also to encourage a significant number of SMEs and their employees to participate in the course and the practical action of the following edition of the training course from December till March 2022.



» **SMEs engagement and case pilots:** The involvement of pilot companies took place from November to December 2021, in parallel to the second edition of the training course. Firstly a large number of SMEs were reached out through to the German Trading Association and the Association for Retail Traders. Invitations were handed out with additional information for SMEs to train and participate as pilot companies within the practical action. Through direct contact individual SMEs were encouraged to participate in training course – programme, E&T and in the practical action.

The SME pilot companies are coming from different economic sectors:

Production of: Food and groceries; Tool production (automotive industry); Construction sector; Consulting and training activities. Number of the pilot companies November – December 2021: 6



» **Reference partner and contacts for this and the following edition:**

adelphi gGmbH Berlin (adelphi), Andreas Schneller, schneller@adelphi.de

ITALY

Corso E&T “Efficienza energetica e sostenibilità per energy manager e energy professional nelle PMI”



» Start/end date: September / November 2021

» Number of participants: 40



» **The training course:** The second edition of the training course kicked off on the 6th of September with 40 registered participants. The Italian training program is certified by the Polytechnic University of Valencia (UPV) with 5 ECTS credits. Both the lessons and practical actions in collaboration with SMEs were delivered exclusively online. Participants attended online classes held by experienced teachers in different areas of the energy efficiency sector. The main goals were: to train the staff of SMEs enabling them to independently apply their acquired; to identify the most cost-effective energy saving measures for the SMEs-pilot cases; to trigger new job synergies and collaborative relationships. The training course ended on 19th of November with the presentation of three energy audits from the three pilot cases.



» **SMEs engagement and case pilots:** SMEs from different sectors were involved in the training course. Two pilot cases in the industrial laundries sector and one in the catering food supply sector. The pilot sites benefitted from the technical support provided by the working groups and received detailed reports on the proposed energy saving measures for their structure, with financial indicators to allow cross-comparison.

» **Reference partner and contacts for this and the following edition:**

Energiada Ltd (Energiada), Agnese Riccetti, smempower.italia@gmail.com



» **Others:** Network Group Italia: One of the goals of the project “Smempower Efficiency” is to promote and create a network of professionals who can benefit from the shared experience. In Italy two meetings were held which brought together the participants of the first and second editions of the course, aiming to create a national network.

For more information, please contact Energiada Ltd (Energiada), smempower.italia@gmail.com



ROMANIA

Eficienta si sustenabilitate energetica pentru manageri energetici si specialisti in energie (in IMM-uri)

SERVELECT
Energy is money! We save both.



» Start/end date: October / November 2021

» Number of participants: 40



» **The training course:** The training course started on the 15th of October 2021. It aims to encourage the implementation of energy audits and energy efficiency measures by training SMEs employees in order to increase their capabilities in energy management and other technical skills needed to assume energy responsibilities in the company. In this context, the second edition of the E&T program organised in Romania facilitated the attendance of 40 energy specialists from SMEs, and local and central public bodies in different geographical areas. For six weeks participants attended online lectures given by 10 lectures with experience in different areas of the energy efficiency field. The practical action of the program consisted in the nine study cases (energy analysis in the engaged SMEs) developed by the participants with the support of the lecturers. The second edition was completed on the 26th November 2021 with the final project presentations of the working teams.



» **SMEs engagement and case pilots:** The practical action followed the conclusion of the theoretical part of the program, in collaboration with the nine engaged SMEs from different sectors, mostly from the manufacturing sector. Due to the pandemic situation, on site visits to the pilot sites were not possible. Even so the representatives of the SMEs provided all the necessary data for the final projects carried out as a teamwork by the attendees.



» **Reference partner and contacts for this and the following edition:**

Technical University of Cluj-Napoca (TUCN), Entrec.Center@ethm.utcluj.ro

SLOVENIA

Energetska učinkovitost v malih in srednje velikih podjetjih



» Start/end date: October / December 2021

» Number of participants: 26



» **The training course:** The training course started on the 11th of October and finished on the 8th of December 2021. It was delivered online due to the due COVID-19 restrictions, by the Faculty of Mechanical Engineering of the University of Ljubljana. Almost all participants were employees in SME's, who could gain vast knowledge, skills and competences in energy efficiency and management, examine practical case studies, increase the energy potential of their companies. Information and materials were shared, such as online tools, handbook and extensive learning from highly competent and recognized experts.

The main goals were: to inform about the SMEmpower Efficiency project; to acquire new knowledge, skills and competences; to encourage new SMEs and their employees to participate in the following edition of the training course in January / February 2022.



» **SMEs engagement and case pilots:** There were various communications: e-newsletters and e-invitation; [Website SGZ](#); [Facebook SGZ](#); [Website GZS](#); [Website cluster SRIP - Circular economy](#); [Online manual SPIRIT SLOVENIA](#). About 1000 SMEs were reached, and eight SMEs were selected as pilot cases in this second edition. The SME participants and pilot companies are coming from different economic sectors: production of plastic products, machinery, measuring instruments and devices, machine tools, construction sector; manufacturing industry; tourism; consulting and training activities.



» **Reference partner and contacts for this and the following edition:**

The Chamber of Commerce and Industry of Stajerska (SGZ), dragica.marinic@stajerskagz.si

SPAIN

Curso E&T “Eficiencia Energética y Sostenibilidad para gestores y profesionales de la energía (en pymes)”



» Start/end date: October 2021 / January 2022

» Number of participants: 44



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



» **The training course:** The Energy Efficiency and Sustainability Course for Energy Managers and Energy Professionals in SMEs aims to develop a 5 ECTS certification programme (EQF level 6) equivalent to 10 credits. The second edition started on the 15th of October 2021 and it will end on the 31st of January 2022. The course is divided into five units which cover:

- national and European regulations
- basic background knowledge
- basics of an energy audit
- economic feasibility analysis
- financing proposals for energy efficiency projects.

This course's target are technical staff in SMEs, engineers, higher vocational training technicians. The second edition is currently underway, with great satisfaction on the part of the students participating in the course.



» **SMEs engagement and case pilots:** Throughout this second edition, energy audits have been carried out in seven SMEs from different sectors: agriculture, offices, restaurants, sports facilities, automation dealer and health centres, among others. A second workshop on Energy Efficiency in SMEs was also held on the 18th November 2021, with the participation of energy professionals, SME representatives, auditors and teaching staff.



» **Reference partner and contacts for this and the following edition:**

Universitat Politècnica de València (UPV), Elisa Peñalvo López, elpealpe@upvnet.upv.es, Jorge Cano Martínez, jorcama2@etsii.upv.es

UNITED KINGDOM

Energy Efficiency and Sustainability for Energy Managers and Energy Professionals (in SMEs)



» Start/end date: October / December 2021

» Number of participants: 23



» **The training course:** Teesside University is offering free training and certification on energy use to small & medium enterprises (SMEs) to help them understand and implement energy efficiency measures (EEM) in their SMEs. The course is currently being delivered online, over a period of eight weeks, in 3 hours long weekly sessions. The second edition started on the 21st October and ended on the 9th of December 2021. The course focuses on the presentation of available EEM, going beyond energy consumption surveys. It aims to effectively implement energy management techniques, instruments, and solutions, to achieve energy savings, emissions reduction and welfare within this large and varied sector, which accounts for 99% of companies in the UK. The main activity on the training course consists in the development of an energy efficiency action plan for an SME. The course promotes the collaboration between post graduate students and SMEs in the development of the energy efficiency action plans.



» **SMEs engagement and case pilots:** Five SMEs were engaged, out of which three in manufacturing and two in the services area. The SMEmPower Efficiency project and training program were also promoted in the “Tees Valley Hydrogen Innovation Project Open Day” event. It was established a strategic relationship with Constructing Excellence North East, an organisation that works closely with companies in the construction sector to improve various aspects of companies performance, including energy efficiency ([Home - CENE](#))

» **Reference partner and contacts for this and the following edition:**

Teesside University (TEES), Joao Patacas, j.patacas@tees.ac.uk



» **Others:** Tees Valley Hydrogen Innovation Project Open Day (03/11/2021) - Ben Houchen, Tees Valley Mayor, presented the Tees Valley hydrogen and decarbonisation strategy. Outcomes of Teesside University's projects in energy/energy efficiency were also presented, including SMEmPower Efficiency.



SECOND EDITION of SMEmpower Efficiency Training Course in EU



DON'T MISS OUT!

» SMEmpower Efficiency 3rd edition of the Training Courses

The third edition of the training course starts **early 2022** in the eight EU countries. Training courses are entirely funded by the **Horizon 2020 Programme** therefore **at no costs** for participants.

Find out more by contacting the partner in your country or contact us [here](#).

» SMEmpower Efficiency Training Platform

The online [SMEmpower Training Platform](#) is live and open for potential participants and people attending the training course. The platform is the first reference for people attending the E&T training course and for whoever is interested in learning more about making SMEs more efficient. Become a member today by registering [here](#).

» All our project's results are [here](#) » [RESULTS](#) and [TOOLS](#)

LAST BUT NOT LEAST ...

Happy holiday and Happy New Year!

We are looking forward to seeing you in 2022



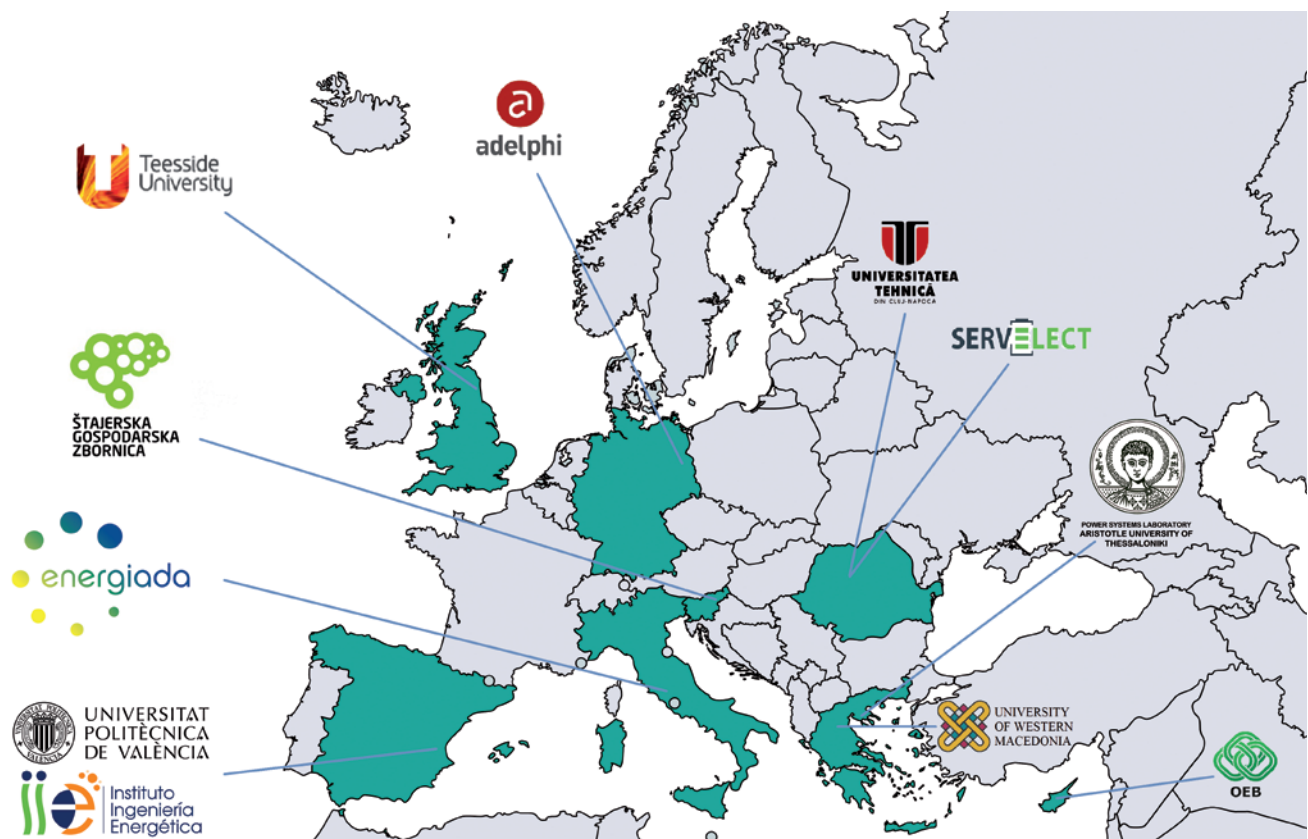


ABOUT SMEMPOWER EFFICIENCY

SMEmPower Efficiency is a H2020 project that **supports the small and medium-sized enterprises (SMEs)** in the implementation of the Energy Efficiency Directive, for a more **sustainable and efficient operation**.

The project's goal is to promote **energy audits** in selected SMEs and to support the best proposals. Additionally the project will deliver a series of integrated and accredited **Education & Training (E&T)** programme targeting energy related SME staff, plus in-house short trainings for decision makers.

The E&T programme focuses on **financial and technical** data required to prove that specific measures are cost-effective. The trainees apply their acquired knowledge in undergoing audits in their SMEs **supported by the SMEmPower Efficiency experts**.



HOW TO JOIN US

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SMEmPower H2020



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SMEmPOWER Energy Efficiency



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