



WMES Brussels News

West Midlands European Service helps reduce thermal energy

As part of the EINSTEIN II project West Midlands European Service as a lead partner, organised a set of successful training sessions and thermal energy audits for companies and organisations in the West Midlands. The aim of the training sessions was to train energy managers and consultants in successfully using a free source tool while the conclusions of the audits will help the organisations involved to reduce their energy up to 20%.

Industrial thermal energy demand, for heating and cooling, constitutes about 28% of the total final energy demand and produces about 21% of the CO₂ emissions in Europe. Space heating and cooling in buildings contributes another 27% to the final energy demand. Despite improvements in energy efficiency over the last decade, there remains a large unexploited potential for reducing energy demand that can be achieved by the intelligent combination of existing solutions and technologies.

The EINSTEIN II (<http://www.einstein-energy.net/>) is a European Union funded project under the Intelligent Energy Europe programme, that was put together to address the aforementioned issues, aiming at a widespread implementation of integrated energy-efficient solutions for thermal energy supply.

The project builds on the success of the EINSTEIN tool kit for thermal energy auditing that has been developed within a previous funding stream. The tool kit, based on an expert system software tool, guides the user through the whole procedure from auditing, data processing, elaboration, to design and quantitative evaluation of alternative solutions.

Next steps include the organisation of national workshops on thermal energy, so if you are interested to find out more and to register please contact us at:

x.tsitridou@wmeuropeanservice.eu