Report on needs assessment for training of teachers

WRITTEN BY: PETAR KISYOV

Introduction

A short needs assessment that gathered information from teachers from already participating school in REACH project was performed – Vocational School of Electrical Engineering. It will serve as a guide for the development of a tailored training course for teachers consisting of several modules.

The tailored training course needs to focus on building up teachers' level of knowledge, capacity and skills in order to be ready to perform educational training course among students with the aim to upgrade students` level of energy education and knowledge. The training will share experiences and will give knowledge how to analyse the situation in an energy poor household and how to provide suggestions and practical advice in order to help energy poor households reduce the energy and the water bills and change their habits.

Conclusions and findings:

The training course should include information on the type of energies, current energy prices per type of fuel, energy consumptions of typical electrical appliances, different methods and devices for accomplishment of energy and water savings in a household and also programmes or mechanisms for tackling energy poverty. It was established that the training modules should also focus on detailed information on REACH specifics such as energy poverty, household energy audit, data collection sheet, the final report and also on possible energy saving gadgets in a household.

In response to the findings from the performed needs assessment, the main conclusions are that the training course needs to cover the following key training topics:

- Energy poverty
- How to do a household energy check
- How to use REACH calculation tool
- Possible energy and water savings in a household
- Current energy prices per type of fuel

The training course should also contain a module with exercises covering the above-mentioned topics.

The methodology

The approach was based on obtaining information from teachers. The analysis of the responses established the above-mentioned training topics that should be delivered at the training session.

Nature of the proposed course

The training structure is based on the analyses of teachers' responses and it will be established to include all necessary subject areas and materials. We recommend one-day training event. The training will be delivered by experts from Energy Agency of Plovdiv.

Recommendations for action

After analysing teacher's responses we recommend the training to be consisted of several modules:

- Performing a household energy check
- Using REACH calculation tool
- Guidelines for possible energy and water savings in a household
- Current energy prices
- Energy poverty issue in Bulgaria and EU

Conclusion:

The training should enable teachers to share with each other knowledge and skills for energy advising and build their capacity for delivering training to students. The training session will be also a platform for discussion among them, thus everyone involved could contribute with ideas, share concerns and provide suggestions for developing solutions.

Partners

Focus - Association for Sustainable Development, Slovenia

www.focus.si

Socienty for sustainable energy development, Croatia

www.door.hr

Energy agency of Plovdiv, Bulgaria

www.eap-save.eu

Macedonian Centre for Energy Efficiency, Macedonia

www.macef.org.mk

Co-funded by

Co-funded by the Intelligent Energy Europe Programme of the European Union

The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission are responsible for any use that may be made of the information contained therein.

For more information about EU: www.ec.europa.eu

www.reach-energy.eu