OBJECTIVES

The goal of TEACHENER is to fill the gap between social sciences and humanities and energy teaching at universities in Europe and contribute to enhance the socio-technical perspective in the current education of energy engineers. TEACHENER will design an edu-kit, a complex set of ready-to-use teaching modules covering various topics associated with social aspects of energy for educating Master and PhD Students and test it at technical institutions and during two Student Winter Schools.

METHOD – TEACHENER edu-kit

The edu-kit:
- Provides background information for the teachers on 8 topics in a web platform;
- Prepares content in form of power point presentations;
- Designs teaching sessions in interactive formats – group work, exercises, debates, role play;
- Allows to individually select the course length due to the modular style;
- Offers a considerably collection of resources.

Topics of the Teaching Modules
- Energy awareness
- Philosophy and ethics of energy development
- Energy and the public: understanding public responses
- Social impact of energy technologies
- Technology assessment and organising societal discourse
- Risk governance approach in smart metering
- Conflict management on energy technologies
- Decentralised energy systems: production and use

CONCLUSIONS

Innovative educational practices in social sciences and humanities will provide the graduates of technical energy studies with interdisciplinary skills, knowledge and competencies which will enable them to better respond to the needs of the labour market in the energy transition.

Contact: piotrek@umk.pl, meritxell.martell@merience.eu

www.teachener.eu