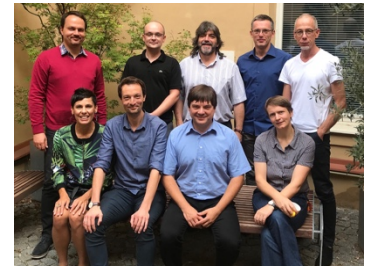


TEACHENER Project: Integrating Social Sciences and Humanities into Teaching about Energy

Last September TEACHENER partners met in Prague to start the third phase of the project consisting of finalising and testing the teaching modules through the organisation of two Winter Schools and to prepare the final conference of the project to be held in Gdansk (Poland) in June 2019.



Partners at the 4th project meeting in Prague (September 2018)

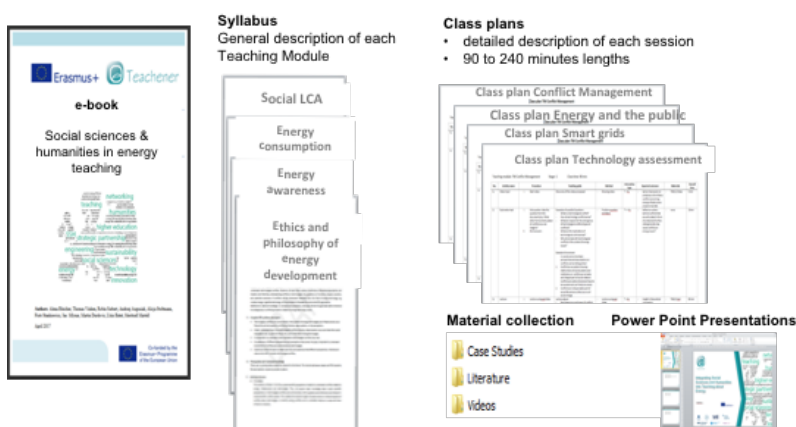
What have we done so far?

Each national team has developed two **teaching modules** (TM) on different socio-technical aspects of energy. These teaching modules are:

- TM1. Energy awareness. Being aware of the importance of energy (for our life).
- TM2. Ethics and philosophy of energy development. Fundamental questions behind the use of energy.
- TM3. Energy and the public. The challenge of understanding public responses.
- TM4. Social impact of energy technologies. Assessing social impacts through Social Life Cycle Assessment.
- TM5. Technology assessment. An approach for organising societal discourse on innovative energy technologies.
- TM6. Risk governance approach in smart metering. Social risk perception and risk governance.
- TM7. Conflict management. Understanding and managing conflicts on energy technologies.
- TM8. Decentralised energy systems. Social aspect of energy production and use.

The **Edu-kit** is a collection of ready-to-use teaching units consisting of teaching material of 4 to 10 hours (depending on the TM) with teaching sessions in interactive formats (e.g. group work, exercises, real life case studies, etc), contents in the form of powerpoint presentations, a resource collection and a handbook for teachers (e-book with eight chapters, one per TM) to help them to conduct the lessons offering specific instructions.

Elements of the Edu-kit



Next TEACHENER events

The final conference will be held at the University of Gdansk (Poland) in June 2019. More information to be announced on the project website.

TEACHENER coordinator

If you are interested in TEACHENER, please contact the project coordinator:

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TEACHENER Partners



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In addition, in each country, a **national stakeholder workshop** was organised, where representatives of energy companies, academia and public administration institutions responsible for energy issues were invited. The aim was to present the project and discuss their needs and expectations with regard to social sciences and humanities education, knowledge and skills of graduates from technical and energy issues. Their perspective was especially important for the project in order to adequately respond to the current needs of labour market .



National stakeholder workshop held at UPC in Barcelona, 7 March 2018



National stakeholder workshop held at Institute of Sociology of the Czech Academy of Sciences in Prague, 28 February 2018

All national stakeholder workshops welcomed the TEACHENER project and its objective to integrate social sciences and humanities issues into energy teaching in higher education following an interactive approach.

The following issues were pointed out in the discussions:

- TEACHENER can play an important role in training teachers a different perspective on the learning process of engineers.
- TEACHENER modules may allow students to gain a critical reflexive attitude, a broader focus on the interaction between engineers and socio-political-cultural aspects and better communication skills.
- It is important to adapt the language of engineers and work towards more interdisciplinarity working and further innovation.
- Thinking out of the box and learning by doing are two of the premises to be taught to engineers.

More information about TEACHENER: www.teachener.edu



Partners meeting in Vilanova I la Geltrú (Barcelona) in March 2018

The TEACHENER project and Edu-kit will be presented as a good practice at the **International Conference on Humanities and Higher Education: Generating Synergies between Science, Technology and Humanities** on 19-20th November 2018 in Barcelona.

Conference organised by:



Two student **Winter Schools** will be organised for testing the Edu-kit with Masters and PhD students from technical Higher Educations Institutions participating in the project. The Winter Schools will take place in **February 2019** at UPC in Barcelona and UFZ in Leipzig.

The project partners are designing a **web platform** to provide a virtual learning environment where teachers and students will have access to the teaching tools and supporting material developed by the TEACHENER consortium.