TEACHENER:
Integrating Social Sciences and Humanities into Teaching about Energy

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## Socio-technical partnership

<table>
<thead>
<tr>
<th>Country</th>
<th>Social Sciences and Humanities Institution</th>
<th>Technical Higher Education Institution</th>
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<tr>
<td>Poland</td>
<td>Coordinator</td>
<td>Gdańsk University of Technology</td>
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<td>Czech</td>
<td>Institute of Sociology CAS</td>
<td>Czech Technical University in Prague</td>
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<td>Spain</td>
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<td>Universitat Politècnica de Catalunya</td>
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<td>Germany</td>
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<td>Helmholtz Centre for Environmental Research - UFZ</td>
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Background

- Graduates from technical higher education institutions are expected to be well trained engineers but also to have **skills and competences in social aspects of energy uses**;

- Energy teaching is still dominated by its technological facet and the **broad social dimension of energy is marginalized or completely absent**;

- Well developed tradition of **social research on energy issues** within social sciences and humanities, mainly in the field of science and technology studies (STS).
Objectives & target groups

- **Goal:** Fill the gap between social sciences and humanities and energy teaching at universities in Europe.

- **Direct Target group:** teaching staff at technical higher education institutions.

- **Indirect Target group:** Masters’ and PhD students at higher education institutions.
Edu-Kit

Syllabus
General description of each Teaching Module
- Social LCA
- Energy consumption
- Energy awareness
- Ethics and philosophy of energy development

Class plans
- Detailed description of each session
- 90 to 240 minutes lengths
- Class plan
  - Conflict Management
  - Energy and the public
  - Smart grids
  - Technology assessment

Material collection
- Case Studies
- Literature
- Videos

Power Point Presentations
1. **Energy awareness.** Being aware of the importance of energy in our life.

2. **Ethics and philosophy of energy development.** Understanding ethical grounds of provision and use.

3. **Energy and the public.** Understanding public responses to energy infrastructures.

4. **Social impact of energy technologies.** Assessing social impacts through Social Life Cycle Assessment.

5. **Technology assessment.** An approach for organizing societal discourse on innovative energy technologies.

6. **Conflict management.** How to cope with energy-related controversies?

7. **Risk governance** in smart metering.

8. **Decentralised energy systems.** Social aspects of energy production and use.
Next events

Winter Schools in Leipzig and Barcelona in February 2019

Final event in Gdansk on 27-28 June 2019

More information: www.teachener.eu
Thank you!

More info: Poster on TEACHENER in the poster walk
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