# Teaching module: Decentralised energy systems. Social aspects of energy production and use Session 2: Distributed Energy Systems from SSH perspective

**Class plan Class time:** 3x45 min.

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| No. | Activity name | Procedure | Teaching guide | Method | Interaction type | Expected outcome | Materials | Overall time |
| 1 | Presentation of the self-study assignments | 1. Presentation of the assignments 2. Comments and conclusions | Let Ss present the researched cases (self-study assignments). Comment on presented findings and emphasize all reported socio-political aspects of decentralized energy systems (DES). | Group discussion | Ss<->T | Understanding of SSH aspects of chosen cases | none | 30 min |
| 2 | Decentralized energy systems – social aspects | 1. Introduction of socio-political energy systems change issues 2. Socio-political dilemmas of energy systems change 3. Presentation of the example of Feldheim. 4. Summary and further reading | Present socio-political energy systems change subject issues. Give examples of nowadays’ distributed energy systems and related discussions that have arisen. Stress out various possible socio-political influences of the energy systems change. Summarize the lecture and guide Ss on further reading to get ready to the next classes. | Lecture | T->Ss | Presentation of broad SSH perspectives for DES analysis. | TM8-ST2-RM1-DES | 55 min |
| 3 | Socio-political scenarios of energy systems change – discussion | 1. Definition of future scenarios of energy systems change 2. Discussion on the defined scenarios 3. Comments and conclusions | Ask Ss to propose several socio-political scenarios of energy systems change. Let Ss discuss the future of energy systems and likelihood of the proposed forecasts. Guide the discussion paying special attention to keeping to social and political motivations and consequences of the change. Summarize discussion and comment on drawn conclusions. | Group discussion based on strategic analysis methods (forecasting) | T<->Ss | Deepened and broadened understanding of SSH aspects | -- | 40 min |
| 4 | Introduction to scenario analysis | 1. T presented two kinds of scenario analysis: ‘Road map’ and ‘What if?’ | The teacher should discuss in detail two types of analyses. | Lecture | T->Ss | Readiness for OD | -- | 10 min |

\* Interaction type:

**T** – teacher **S** – student **Ss** – students **->** - one way **<->** - two way